

December 11, 2001

State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Attention: Lisha Cordova

Dear Lisha:

El Paso Production requests an on-site inspection for the well locations listed below. Please feel free to contact us with any questions concerning this matter at (435) 781-7023.

<u>Well Name</u>	<u>Legal Description</u>
NBU # 409	NWSW Sec. 32, T9S, R21E
NBU # 411	SESE Sec. 32, T9S, R21E
NBU # 416	SESE Sec. 36, T9S, R20E

Sincerely,



Tim Chervick
Regulatory

Cc: File

RECEIVED

DEC 12 2001

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-48758	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: Natural Buttes	
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		9. WELL NAME and NUMBER: NBU #409	
3. ADDRESS OF OPERATOR: P.O. Box 1148 CITY Vernal STATE UT ZIP 84078		PHONE NUMBER: (435) 781-7023	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2224' FSL & 625' FWL AT PROPOSED PRODUCING ZONE:		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 11.9 Miles Southeast of Ouray, Utah		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 625'	16. NUMBER OF ACRES IN LEASE: 348.8	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Refer to Topo C	19. PROPOSED DEPTH: 7,000	20. BOND DESCRIPTION: State Bond No. 400JU0705	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4992' GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: To Be Determined	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
11" or 12"	8 5/8" K-55 24#	250	Min. 85 sx Class G
7 7/8"	4 1/2 K-55 11.6#	7,000	410 sx HiFill 800 sx 50/50

RECEIVED

DEC 12 2001

25. ATTACHMENTS		DIVISION OF OIL, GAS AND MINING
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:		
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN	
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER	

NAME (PLEASE PRINT) Cheryl Cameron TITLE Regulatory Analyst

SIGNATURE *Cheryl Cameron* DATE 12/10/2001

(This space for State use only)

API NUMBER ASSIGNED: 43-047-34421APPROVAL: 

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 01-03-02
By: *[Signature]*

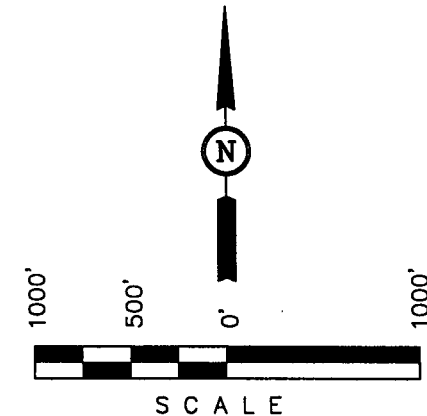
T9S, R21E, S.L.B.&M.

**EL PASO
PRODUCTION OIL & GAS COMPANY**

Well location, NBU #409, located as shown in the NW 1/4 SW 1/4 of Section 32, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 32, T9S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4913 FEET.



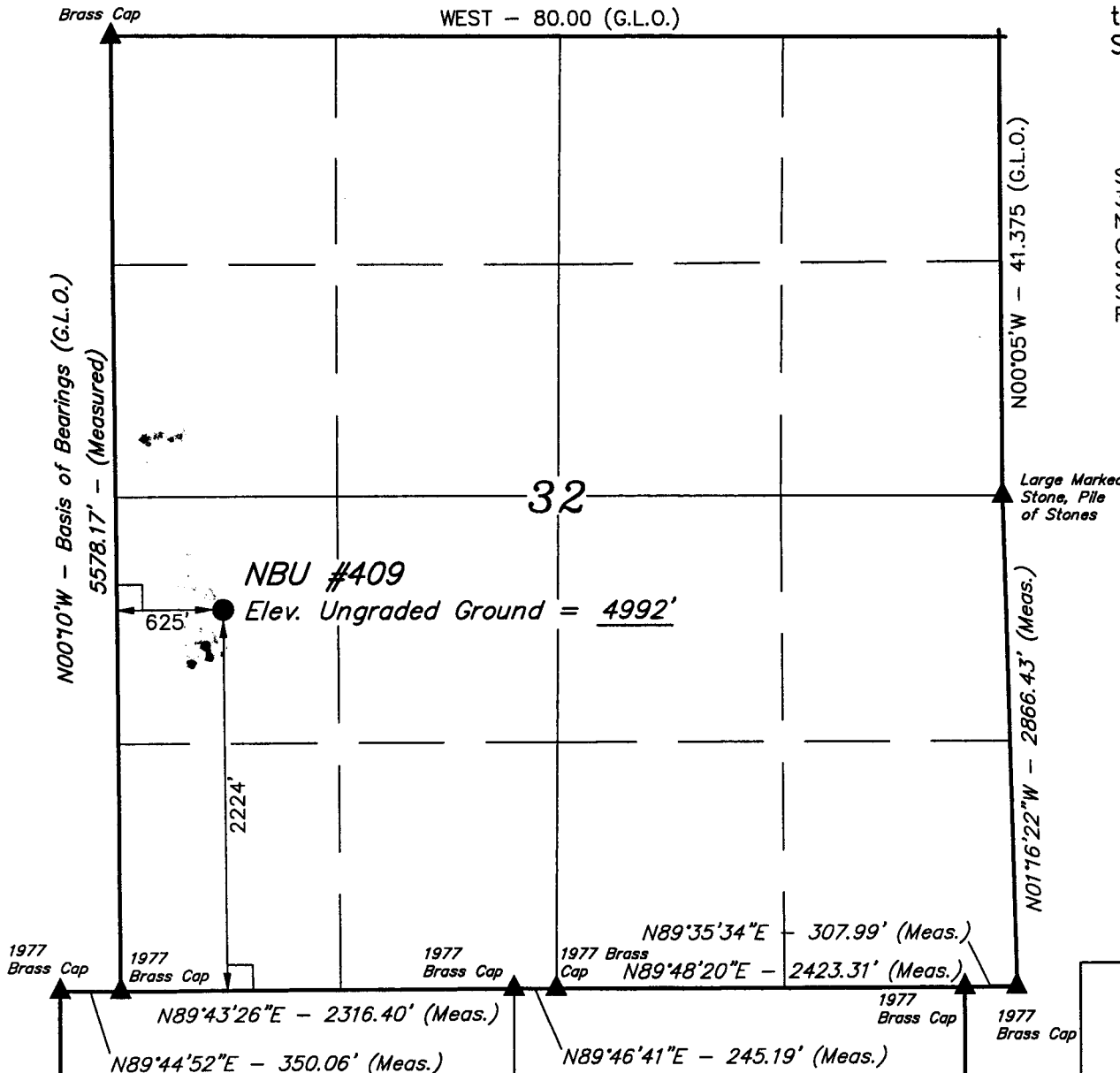
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 161319
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-6-01	DATE DRAWN: 8-15-01
PARTY C.T. J.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EL PASO PRODUCTION PRODUCTION COMPANY	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°59'25"
LONGITUDE = 109°34'55"

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

December 19, 2001

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2001 Plan of Development Natural Buttes Unit,
Uintah County, Utah.

Pursuant to facsimile between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Natural Buttes Unit, Uintah County, Utah.

Api Number	Well	Location
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(Proposed PZ Wasatch)

43-047-34421	NBU 409	Sec. 32, T09S, R21E	2224 F&L 0625 F&L
43-047-34422	NBU 411	Sec. 32, T09S, R21E	0613 F&L 1037 FEL
43-047-34423	NBU 416	Sec. 36, T09S, R21E	0794 F&L 0661 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:12-19-01

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #409

LOCATED IN UINTAH COUNTY, UTAH
SECTION 32, T9S, R21E, S.L.B.&M.

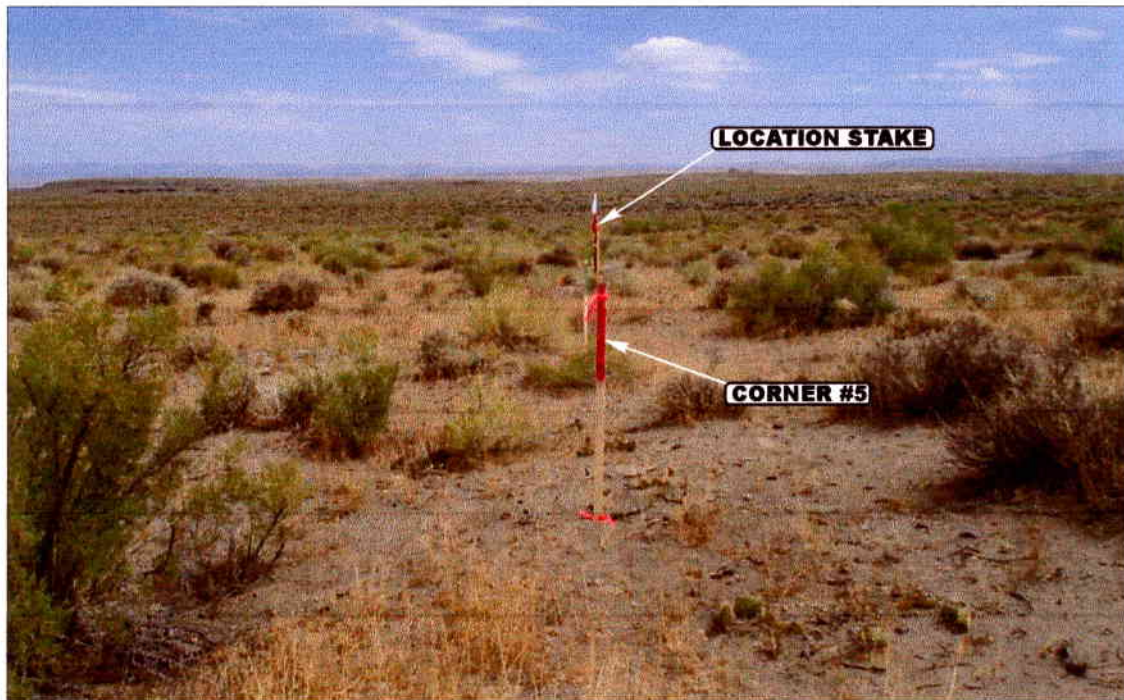


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHERLY



UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

8

MONTH

9

DAY

01

YEAR

PHOTO

TAKEN BY: C.T.

DRAWN BY: P.M.

REVISED: 00-00-00

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #409

SECTION 32, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 4.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 42.9 MILES.

**NBU #409
NWSW Sec. 32, T9S-R21E
Uintah County, UT
ML-48758**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
KB	5010'
Green River	1535'
Wasatch	4965'
Total Depth	7000'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Green River	1535'
	Wasatch	4965'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. Proposed Casing & Cementing Program:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	11" or 12 1/4"	8 5/8"	24#	K-55	ST&C
Production	0-TD	7 7/8"	4 1/2"	11.6#	K-55	LT&C

The proposed casing and cement program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing settings depth shall be calculated to Position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics.

All casing, except conductor casing, shall be new or reconditioned and tested. Used casing shall meet or exceed API standards for new casing.

The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing. If drive pipe is used, it will be pulled prior to cementing surface casing.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable pre-flush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

The Cement Program will be as follows:

<u>Surface</u>	<u>Fill</u>	<u>Type & Amount</u>
0-250'	250'	A minimum of 85 sx Class G + 2% CaCl ₂ , 15.6 ppg, 1.18 cf/sx (Cement will be circulated to surface, about 35% excess)
<u>Production</u>		<u>Type & Amount</u>
500' above productive interval-surface		Lead: Extended, Lite, or HiFill cement + additives, 11 or 12 ppg, 2.69 cf/sx
TD-500' above productive interval		Tail: Extended Class G or 50/50 Poz + additives, 14 ppg; or RFC, 14.0-14.5 ppg, 1.57 cf/sx

For production casing ,actual cement volumes will be determined from the caliper log plug 10-15% excess.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the casing shoe prior to drilling out.

Anticipated cement tops will be reported as to depth , not the expected number of sacks of cement to

be used.

After cementing the surface pipe and /or any intermediate strings, but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the Drillers Log.

Auxiliary well control equipment to be used as follows:

Kelly cock.

A sub with a full opening (TIW) valve having threads compatible with drill string tubulars.

Float Equipment & Centralizers

Surface – Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.

Production – Float shoe, 1 jt, float collar. Centralize first 3 joints and every third joint to top of tail cement with bow spring centralizers.

5. Drilling Fluids Program:

<u>Interval</u>	<u>Type</u>	<u>Mud Weight</u>
0'-TD	Air/AirMist/Aerated Water/Water (as hole conditions warrant. Displace hole to 10 ppg brine mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. No extremely hazardous substances in threshold planning quantities will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

6. Evaluation Program:

Logging Program:

Unmanned logging unit @ 3500'
Cased hole logs only

Drill Stem Tests:

As deemed necessary.

Cores:

As deemed necessary

When cement has not been circulated to surface, the cement top will be determined by either a temperature survey or cement bond log. Should a temperature survey fail to locate the cement top, a cement bond log will be run.

The Evaluation Program may change at the discretion of the well site geologist with approval by the Authorized Officer.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated @ 7000' TD approximately equals 2800 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1260 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

NBU #409
NW/SW Sec. 32, T9S-R21E
Uintah County, UT
ML-48758

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo D for the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. Ancillary Facilities

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). ***This section is subject to modification as a result of the on-site inspection.***

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

If it is determined that a pit liner will be used at the on-site inspection, the reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and a copy of this is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Cheryl Cameron
Regulatory Analyst
El Paso Production O&G Co.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7023

Scott Palmer
Drilling Manager
El Paso O&G Co.
9 Greenway Plaza
Houston, TX 77046
(713) 877-7982


Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

El Paso Production O&G Co. is considered to be the operator of the subject well. El Paso Production O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

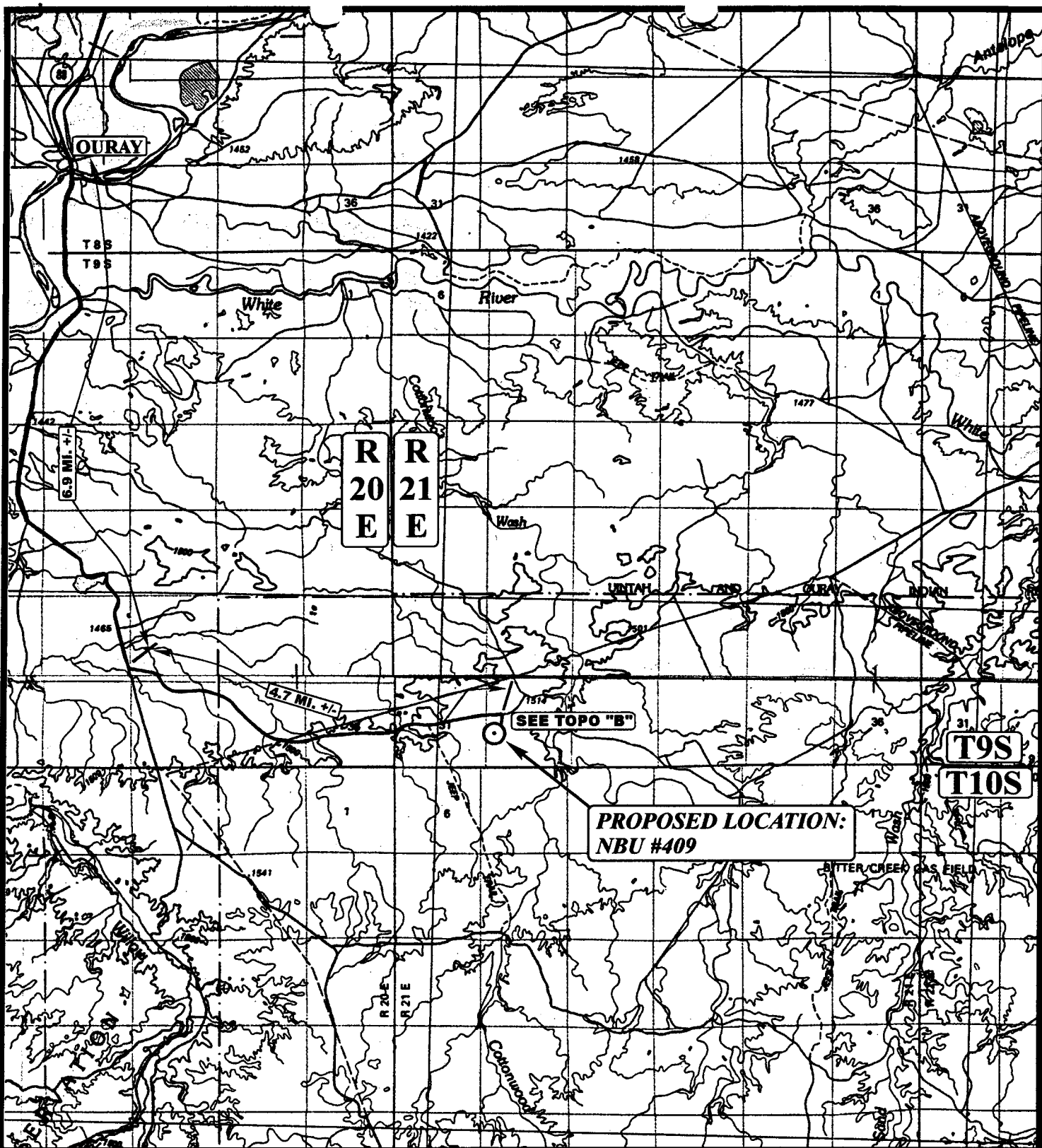
Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by El Paso Production O&G Co. State Bond #400JU0705.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Cheryl Cameron

12/10/01

Date



LEGEND:

○ PROPOSED LOCATION

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #409

SECTION 32, T9S, R21E, S.L.B.&M.

2224' FSL 625' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

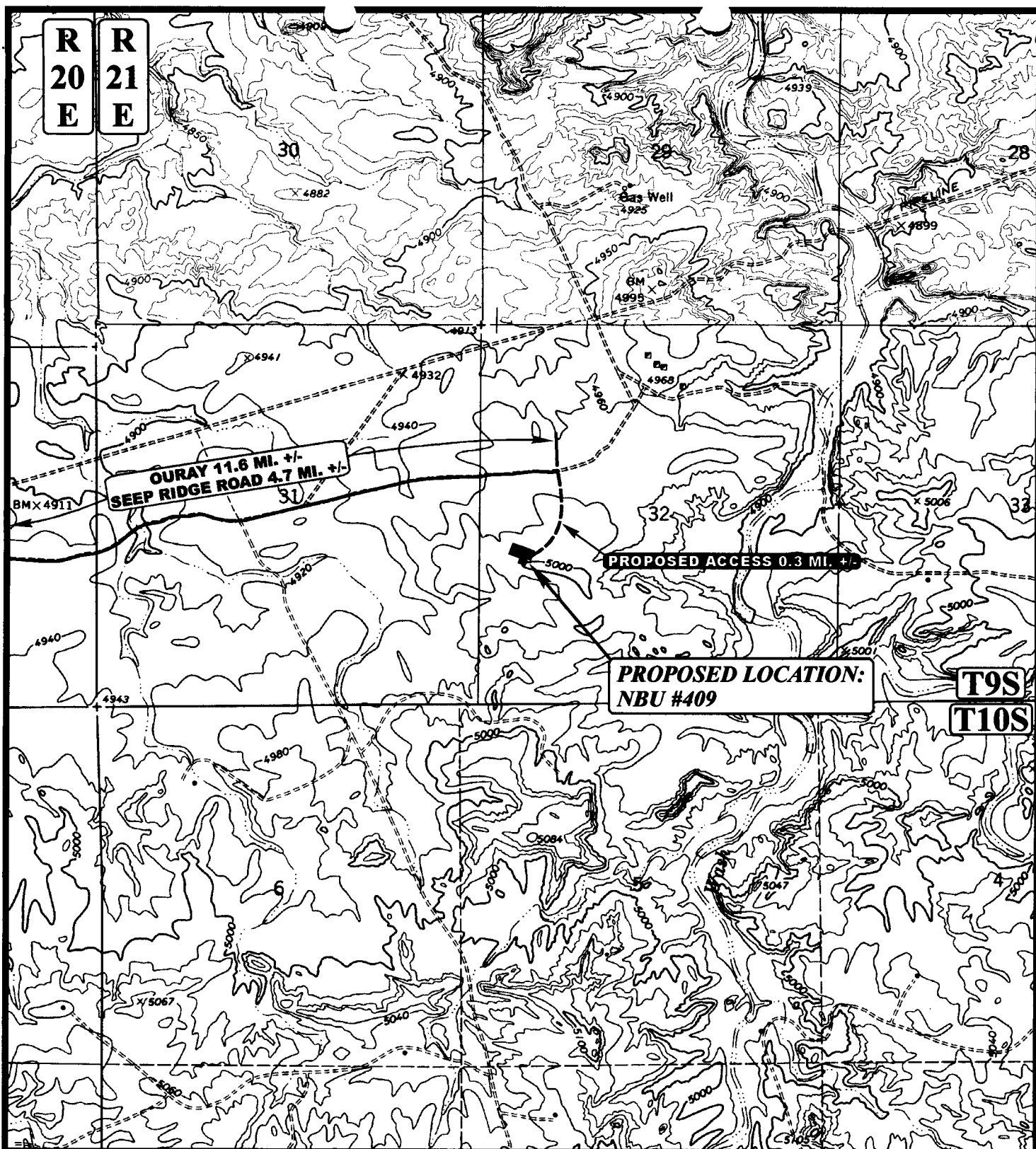


TOPOGRAPHIC
MAP

8 9 01
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





LEGEND:

----- PROPOSED ACCESS ROAD
 ————— EXISTING ROAD

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #409

SECTION 32, T9S, R21E, S.L.B.&M.

2224' FSL 625' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

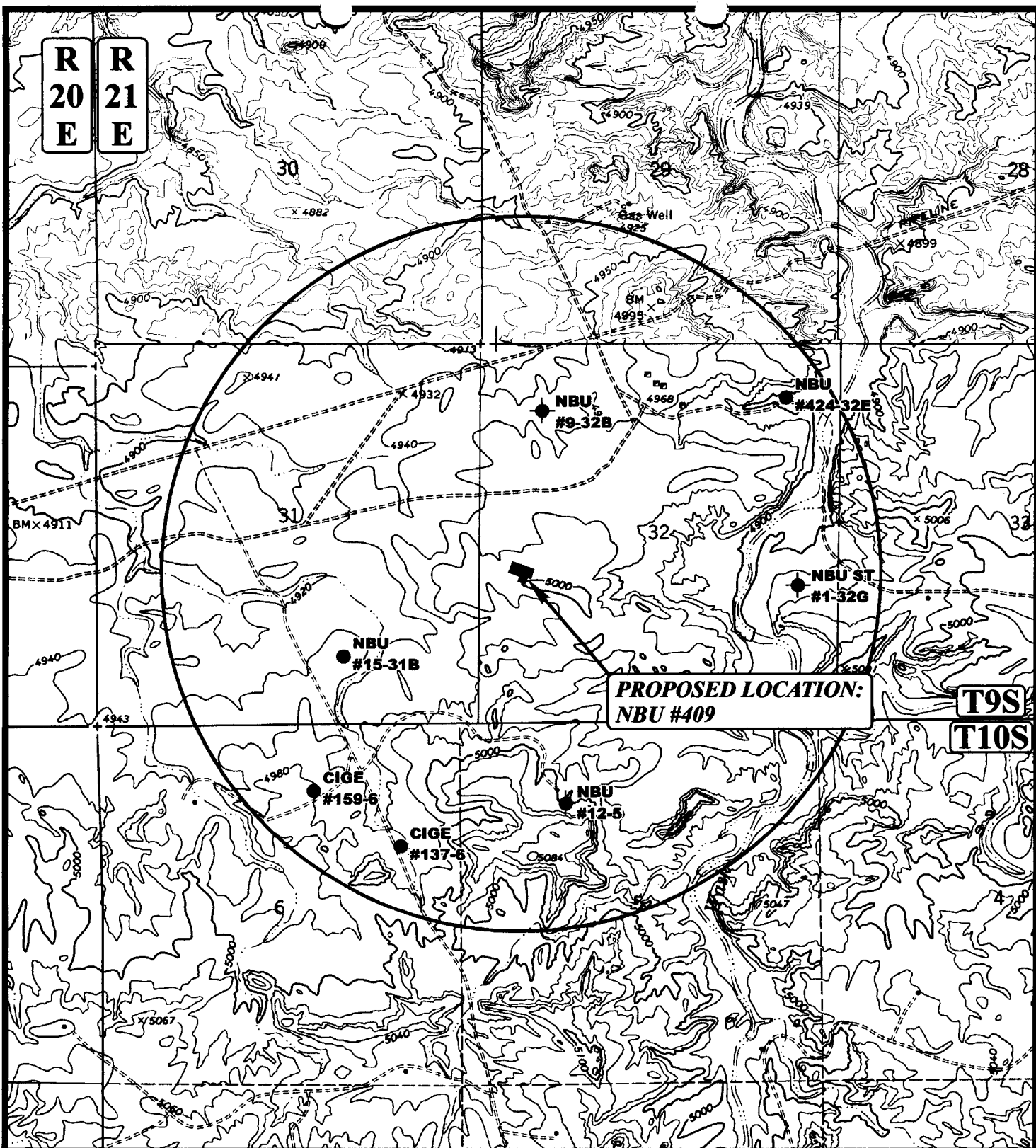


TOPOGRAPHIC
MAP

8	9	01
MONTH	DAY	YEAR

SCALE: 1" = 2000' **DRAWN BY: P.M.** **REVISED: 00-00-00**

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| Ø DISPOSAL WELLS | ● WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

EL PASO PRODUCTION OIL & GAS COMPANY

NBU #409

SECTION 32, T9S, R21E, S.L.B.&M.

2224' FSL 625' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

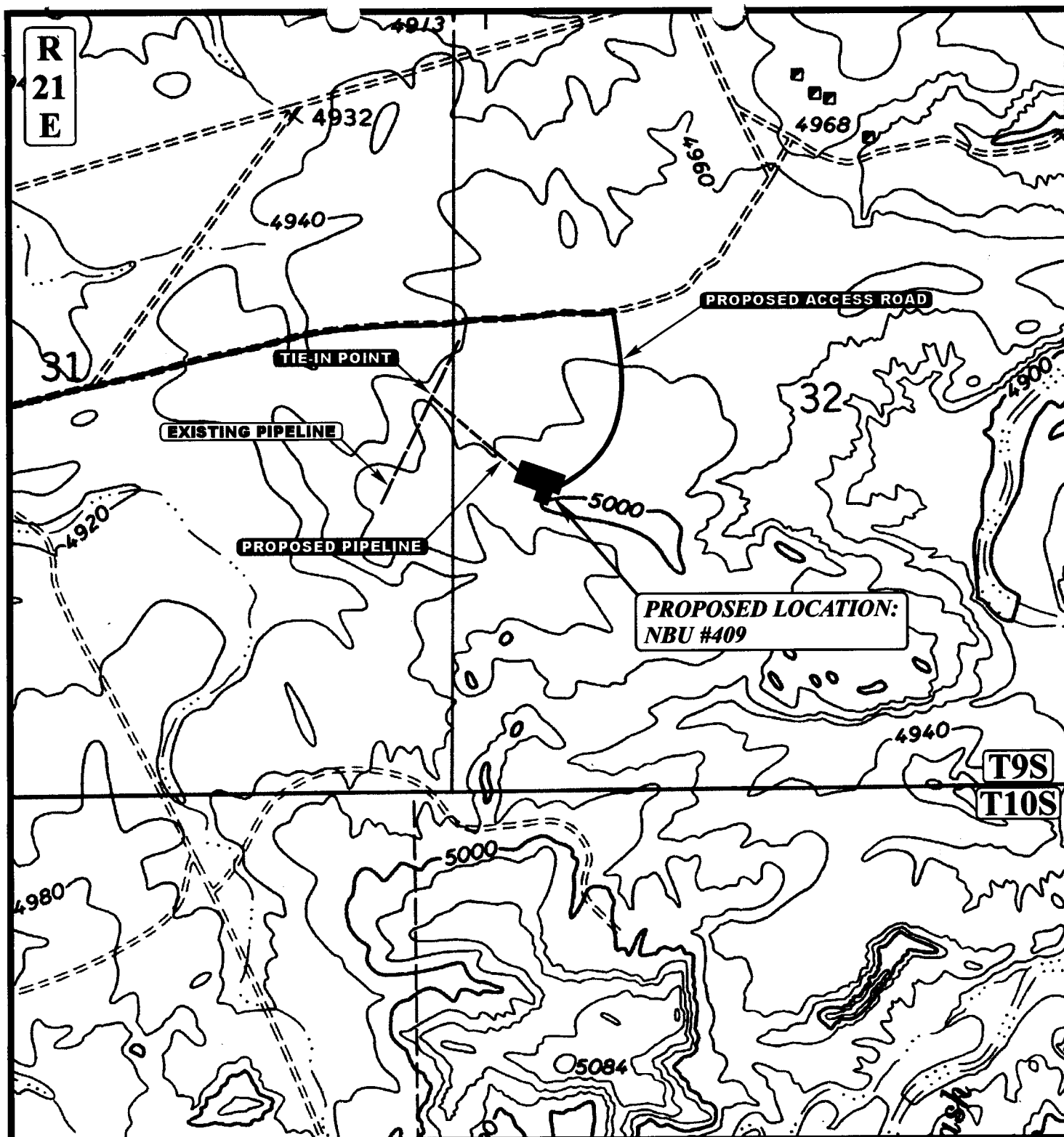


TOPOGRAPHIC
MAP

8	9	01
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 800' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



EL PASO PRODUCTION OIL & GAS COMPANY

NBU #409

SECTION 32, T9S, R21E, S.L.B.&M.

2224' FSL 625' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

8	9	01
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



EL PASO PRODUCTION OIL & GAS COMPANY

LOCATION LAYOUT FOR

NBU #409

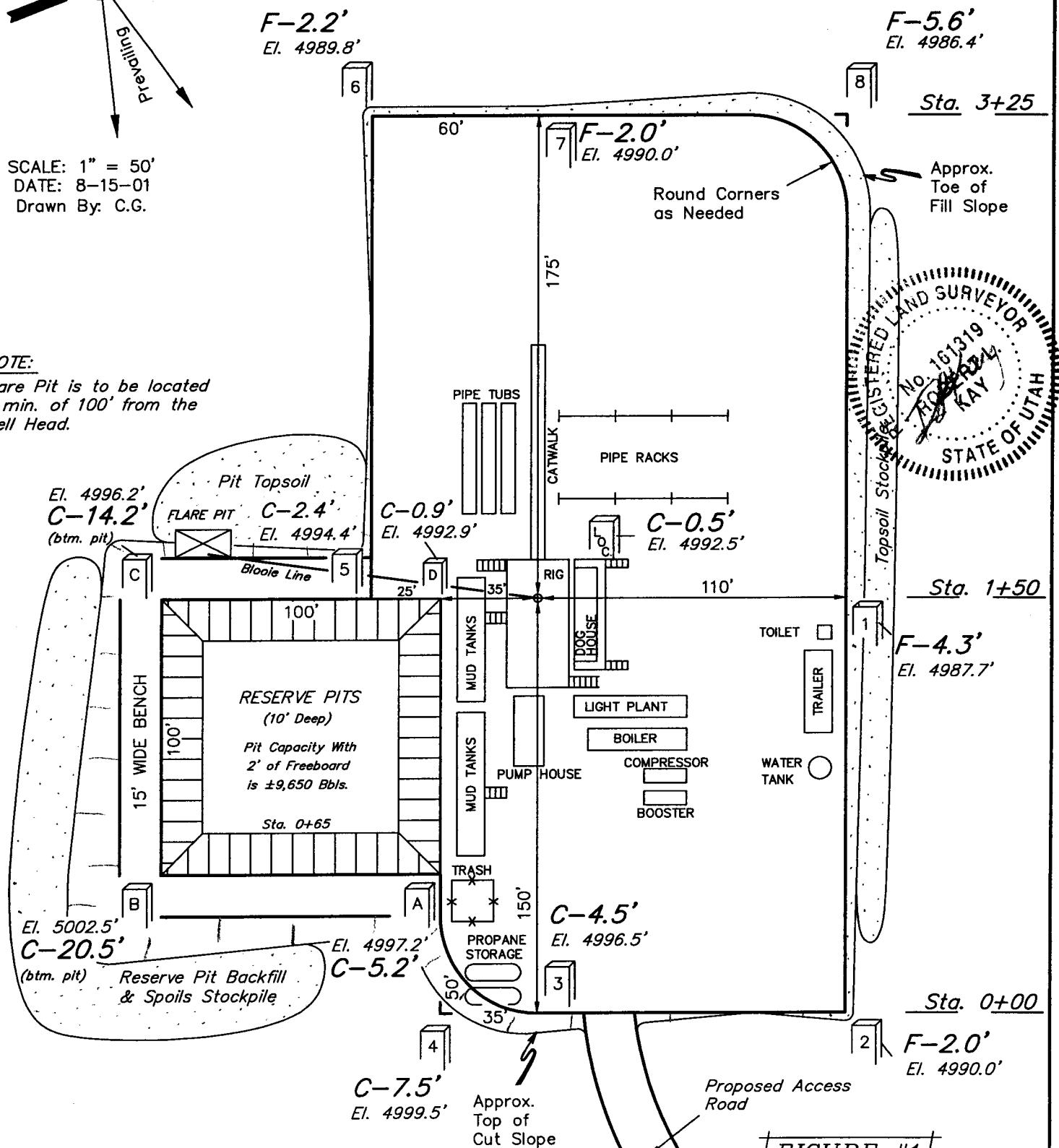
SECTION 32, T9S, R21E, S.L.B.&M.

2224' FSL 625' FWL

SCALE: 1" = 50'
DATE: 8-15-01
Drawn By: C.G.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = **4992.5'**
FINISHED GRADE ELEV. AT LOC. STAKE = **4992.0'**

UNTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

FIGURE #1

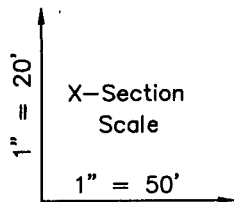
EL PASO PRODUCTION OIL & GAS COMPANY

TYPICAL CROSS SECTIONS FOR

NBU #409

SECTION 32, T9S, R21E, S.L.B.&M.

2224' FSL 625' FWL



DATE: 8-15-01

Drawn By: C.G.

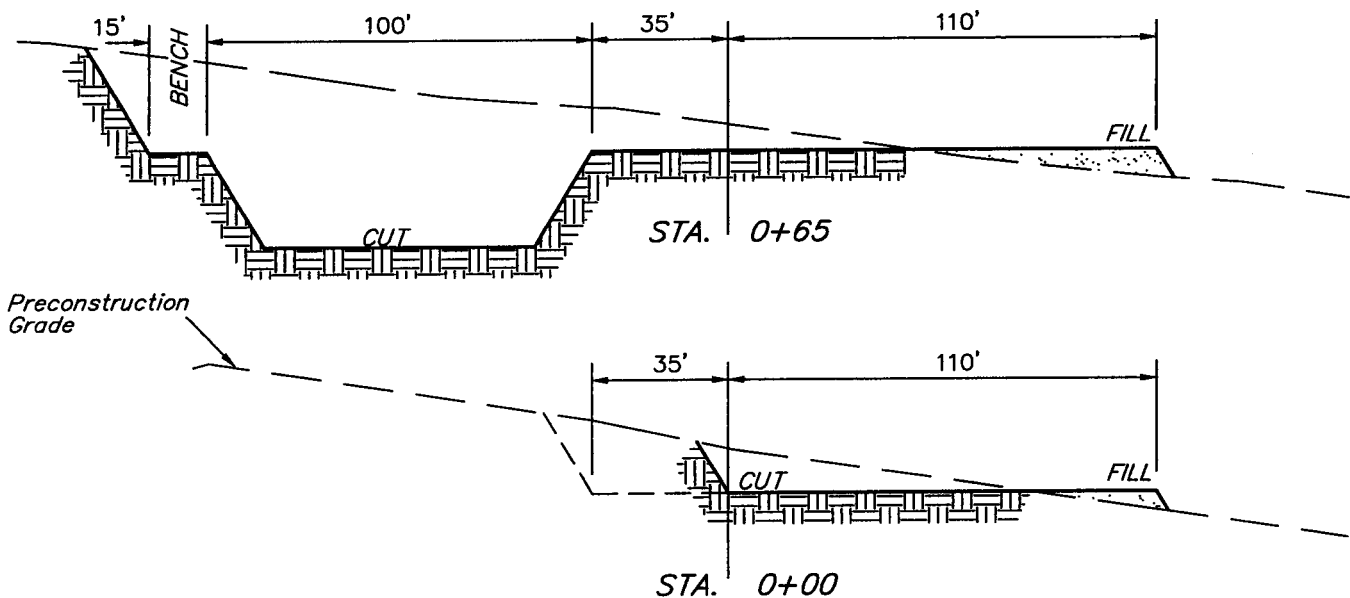
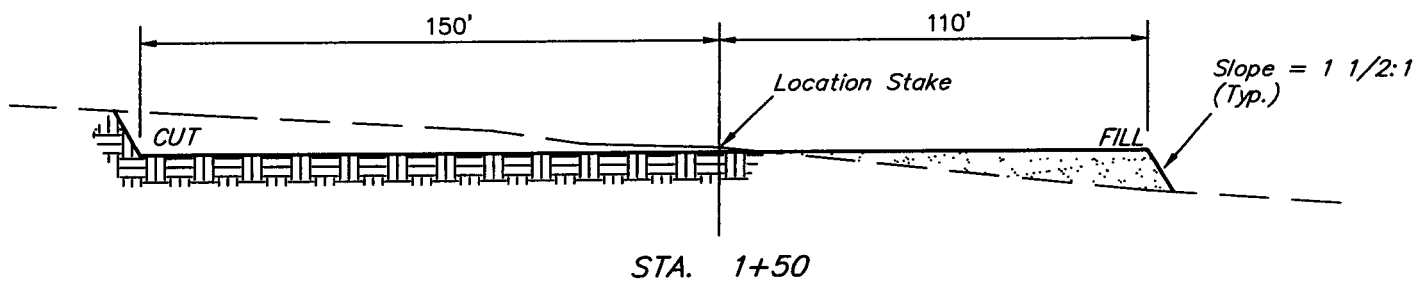
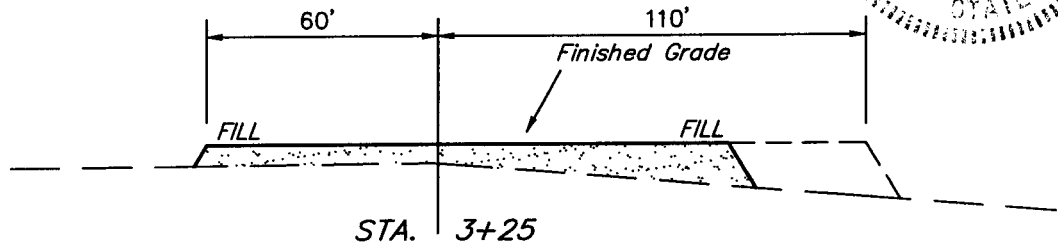
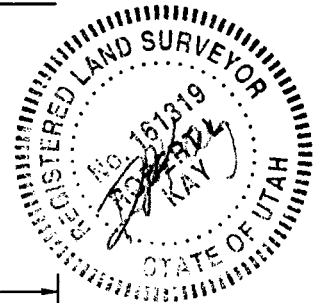


FIGURE #2

APPROXIMATE YARDAGES

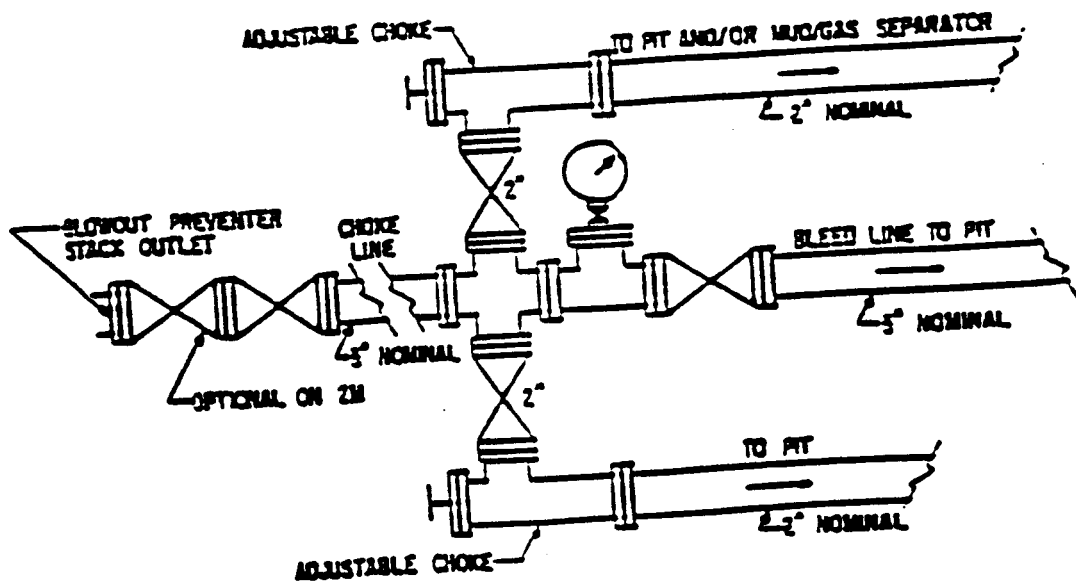
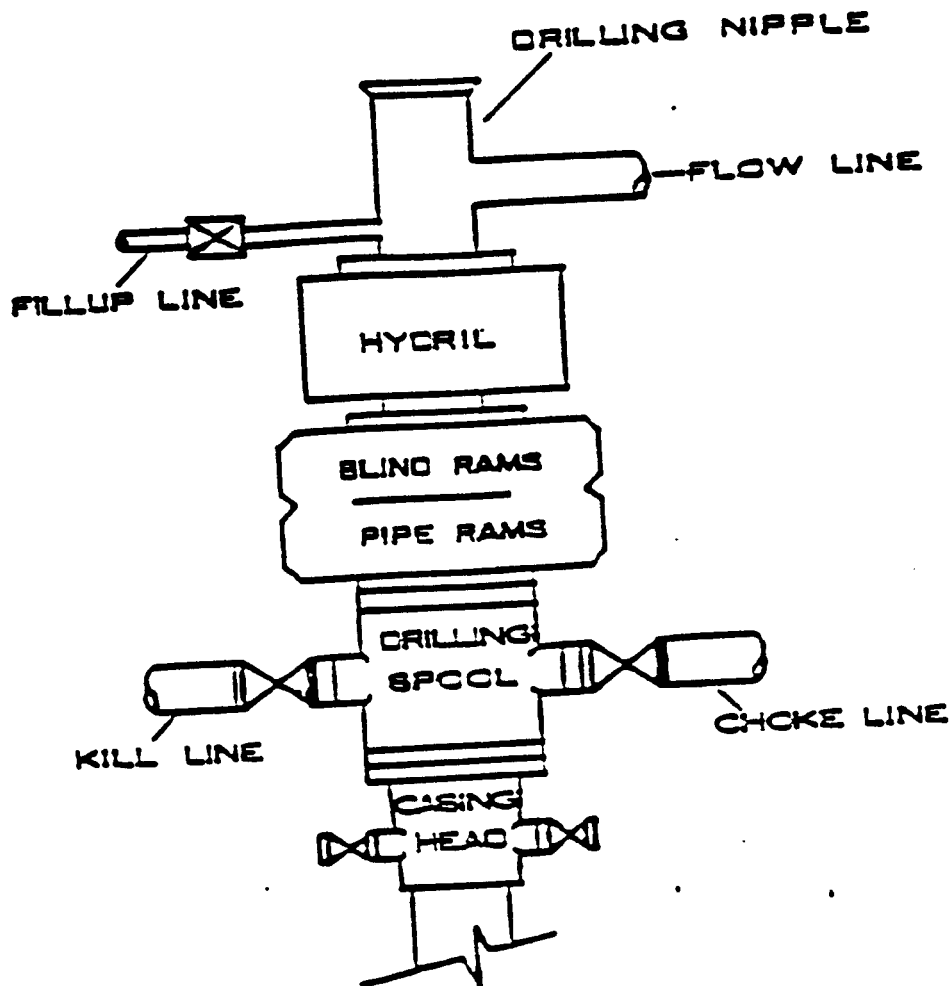
CUT	
(6") Topsoil Stripping	= 1,220 Cu. Yds.
Remaining Location	= 6,830 Cu. Yds.
TOTAL CUT	= 8,050 CU.YDS.
FILL	= 3,810 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,040 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,560 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,480 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

3,000 PSI

EOP STACK



**CULTURAL RESOURCE INVENTORY OF
EL PASO PRODUCTION'S
NATURAL BUTTES 10 WELL LOCATIONS,
UINTAH COUNTY, UTAH**

Keith R. Montgomery

**CULTURAL RESOURCE INVENTORY OF
EL PASO PRODUCTION'S
NATURAL BUTTES TEN WELL LOCATIONS,
UINTAH COUNTY, UTAH**

Keith R. Montgomery

Prepared For:

**Bureau of Land Management
(Vernal Field Office)**

Prepared Under Contract With:

**El Paso Production Oil and Gas Company
1368 South 1200 East
Vernal, Utah 84078**

Prepared By:

**Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532**

MOAC Report No. 01-120

August 28, 2001

**United States Department of Interior (FLPMA)
Permit No. 01-UT-60122**

**State of Utah Antiquities Project (Survey)
Permit No. U-01-MQ-0532b**

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in August 2001 for El Paso Production Oil and Gas Company proposed ten well locations. The proposed well locations are situated in the Natural Buttes area, southeast of Ouray, Utah. The survey was implemented at the request of Mr. Carroll Estes, El Paso Production Oil and Gas Company, Vernal, Utah. The project is situated on land administered by the Bureau of Land Management (BLM), Vernal Field Office

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on August 24, 2001 by Keith R. Montgomery, Principal Investigator for MOAC and Jacki Montgomery. The project was initiated under the auspices of U.S.D.I. (FLPMA) Permit No. 01-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-01-MQ-0532b.

A file search was performed by Sarah Ball at the Utah Division of State History on August 21, 2001. This consultation indicated that numerous archaeological inventories have been completed in the project area. In 1991, Metcalf Archaeological Consultants (MAC) inventoried several Natural Butte well locations for Coastal Oil and Gas Corporation (Scott 1991a, b). No cultural resources were located. That same year, MAC inventoried 18 proposed well locations and access routes for Coastal Oil and Gas Corporation on State of Utah lands (O'Brien, Lubinski, and Scott 1991). One of the proposed well locations, CIGE #136, is near the current project area. No cultural resources were found during the inventory of this proposed well location and access route. In 1992, Archeological-Environmental Research Corporation (AERC) reported on its 1990 and 1991 cultural evaluations in eastern Utah for the Seep Ridge-Book Cliffs highway route and four alternate corridors (Hauck 1992). A total of 44 new archaeological sites were recorded, and an additional 33 previously recorded sites were relocated. The sites consisted of rock art, rock shelters, lithic scatters, habitations, temporary camps, a Ute burial, European American surface and dugout occupations, roadways, a historic cabin, a historic mine, a railroad, and historic inscriptions. Of the 77 total sites, 58 were evaluated as eligible for inclusion to the NRHP. In 1997, MAC conducted an inventory of five COG well locations and associated pipeline and access routes (Spath 1997). No cultural resources were found. A survey was conducted near the current project area in 2000 by AERC, and the

project number is U-00-AF-504. A report pertaining to this inventory is not on file at the federal or state agency offices. However, the file search indicated that the inventory resulted in a finding of no archaeological resources.

DESCRIPTION OF PROJECT AREA

The ten proposed El Paso Production well locations are situated in the Natural Buttes Field, southeast of Ouray, Utah (Figures 1 and 2, Table 1). A total of 143.2 acres was inventoried. The proposed well locations are located on BLM administered land (Vernal Field Office).

Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities. The elevation ranges from 4940 to 5480 feet a.s.l. The project occurs within the Upper Sonoran Desert Shrub Association which includes shadscale, sagebrush, mat saltbrush, snakeweed, rabbitbrush, prickly pear cactus, Indian Ricegrass and non-native grasses. Modern disturbances include roads, and oil/gas development.

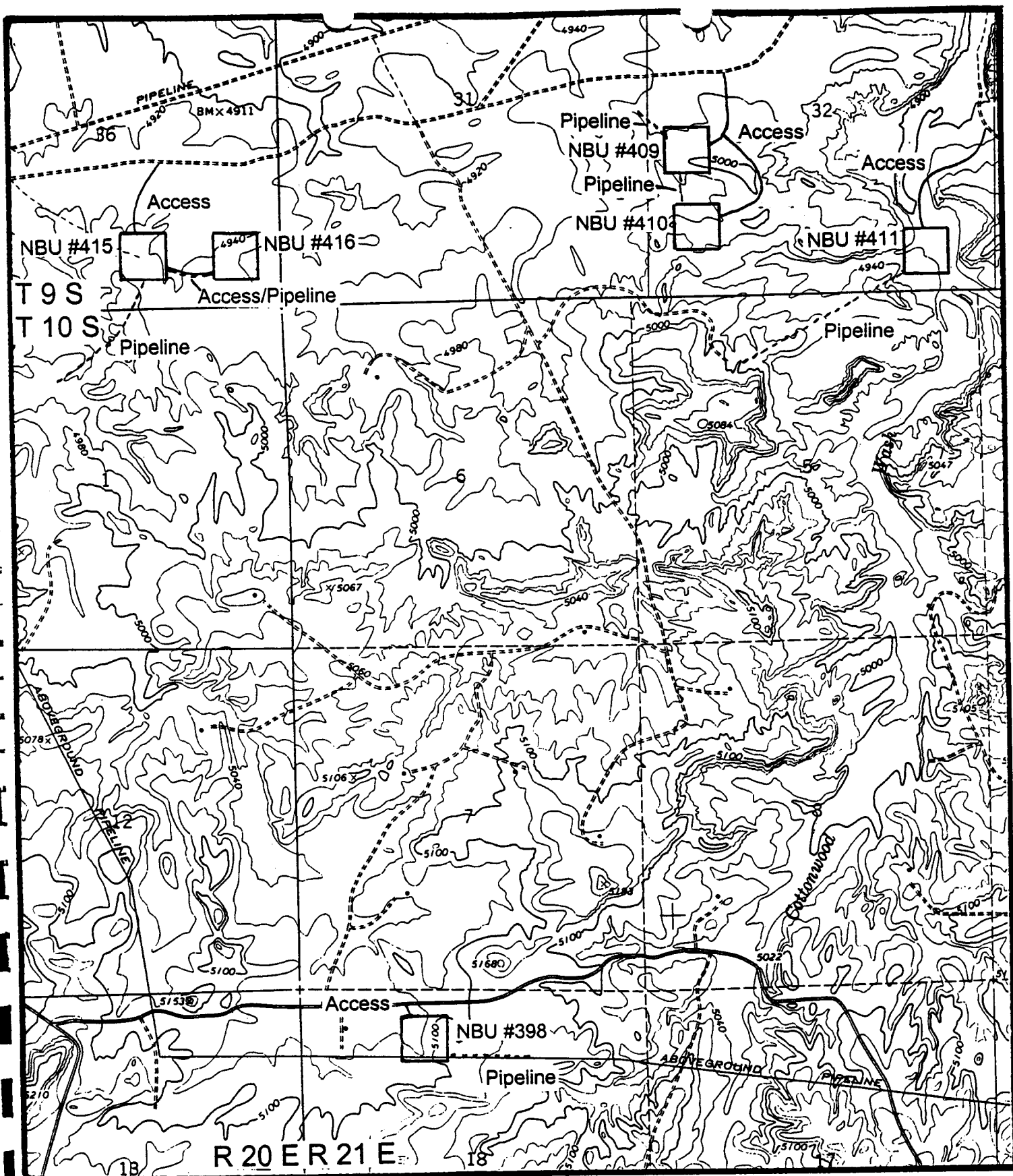


Figure 1. Inventory Area of El Paso Production Oil and Gas Company's NBU #398, NBU #409, NBU #410, NBU #411, NBU #415, and NBU #416, well locations. USGS 7.5' Big Pack Mtn. NE, Utah 1968. Scale 1:24000.

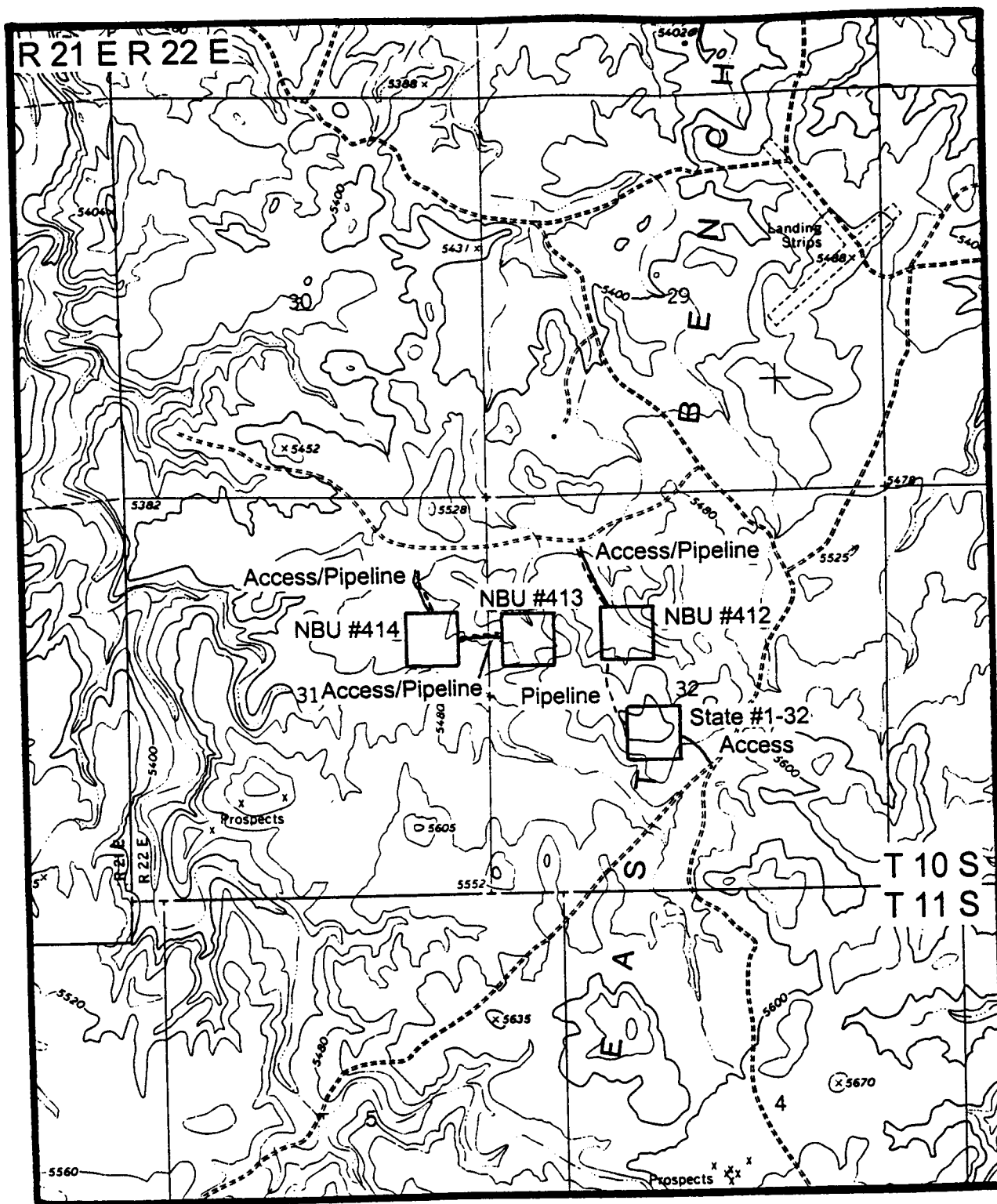


Figure 2. Inventory Area of El Paso Production Oil and Gas Company's NBU #412, NBU #413, NBU #414, and State #1-32 well locations. USGS 7.5' Archy Bench, Utah 1987. Scale 1:24000.

Table 1. El Paso Production's Natural Butte Ten Well Locations

Well Location Designation	Legal Location	Location at Surface	Access/Pipeline	Cultural Resources
NBU #398	T 10S, R 21E, Sec. 18 NE/NW	678' FNL 1867' FWL	Access 200' Pipeline 1200'	None
NBU #409	T 9S, R 21E, Sec. 32 NW/SW	2223' FSL 625' FWL	Access 1300' Pipeline 500'	None
NBU #410	T9S, R21E, Sec. 32 SW/SW	1052' FSL 778' FWL	Access 1800' Pipeline 500'	None
NBU #411	T9S, R21E, Sec. 32 SE/SE	612' FSL 1037' FEL	Access 1800' Pipeline 2800'	None
NBU #412	T10S, R22E, Sec. 32 SE/NW	1870' FNL 1860' FWL	Access/Pipeline 800'	None
NBU #413	T10S, R22E, Sec. 32 SW/NW	1906' FNL 546' FWL	Access/Pipeline 500'	None
NBU #414	T10S, R22E, Sec. 31 SE/NE	1885' FNL 724' FEL	Access/Pipeline 600'	None
NBU #415	T9S, R20E, Sec. 36 SW/SE	828'FSL 2085'FEL	Access 1100' Pipeline 2200'	None
NBU #416	T9S, R20E, Sec. 36 SE/SE	794' FSL 661' FEL	Access/Pipeline 700'	None
State #1-32	T10S, R22E, Sec. 32 NE/SW	2039' FSL 2196' FWL	Access 500' Pipeline 1000'	None

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the proposed well locations, a ten acre area centered on the center stake of the location was surveyed by the archaeologists walking parallel transects space no more than 10 meters apart. The access and pipeline corridors were 100 feet wide, surveyed by walking parallel transects along the staked centerline, spaced no more than 10 m (30 ft) apart. A wider corridor (150 foot) was inspected when access/pipeline routes share a corridor. Ground visibility was considered to be good. A total of 143.2 acres was inventoried on BLM (Vernal Field Office) administered land.

INVENTORY RESULTS AND RECOMMENDATIONS

The inventory of the ten proposed El Paso Production Oil and Gas Company well locations resulted in the location of no archaeological resources. Based on the findings, a determination of "no historic properties affected" is proposed for this development project pursuant to Section 106, CFR 800.

REFERENCES CITED

- Hauck, F.R.
1992 Archaeological Evaluations in the Northern Colorado Plateau Cultural Area. An Investigation of the Seep Ridge-Book Cliffs-Red Wash- Hay Canyon-Whetrock Canyon and Interstate 70-Exit 220 Alternative Highway Routes in Uintah And Grand Counties, Utah. Paper No. 45 of the Archeological-Environmental Research Corporation (AERC), Bountiful, Utah. On file at the Utah Division of State History, Salt Lake City.
- O'Brien, P.K., P.M. Lubinski, and J.M. Scott
1991 Cultural Resources Inventory for 18 Proposed Coastal Oil and Gas Corporation Well and Access Locations on State of Utah Lands, Uintah County, Utah. Metcalf Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-044(s). On file at the Utah Division of State History.
- Scott, J.M.
1991 NBU #176 Cultural Resource Inventory in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-607(b,i). On file at the Utah Division of State History.
- Scott, J.M.
1991 NBU #179 Cultural Resource Inventory in Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-91-MM-607(b,i). On file at the Utah Division of State History.
- Spath, C.
1997 Coastal Oil and Gas Corporation's Proposed CIGE #s 203, 210, 212, 220 and NBU #272 Well Pads, Pipelines and Access, Section 34, T9S, R21E, Sections 31 and 34, T9S, R22E, Section 16, T10S, R21E, and Section 11, T10S, R22E, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, CO. Project No. U-97-MM-0120s. On file at the Utah State Division of History, Salt Lake City.
- Stokes, W.L.
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

002

APD RECEIVED: 12/12/2001

API NO. ASSIGNED: 43-047-34421

WELL NAME: NBU 409

OPERATOR: EL PASO PROD OIL & GAS (N1845)

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

NWSW 32 090S 210E

SURFACE: 2224 FSL 0625 FWL

BOTTOM: 2224 FSL 0625 FWL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48758 *JS*

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/2/02
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. 400JU0705)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3. Unit NATURAL BUTTES
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☒ R649-3-3. Exception
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
___ R649-3-11. Directional Drill

COMMENTS: Need presite. (12-20-01)

STIPULATIONS: 1-oil shale
2- statement of basis.
3- Surface Cement Stop



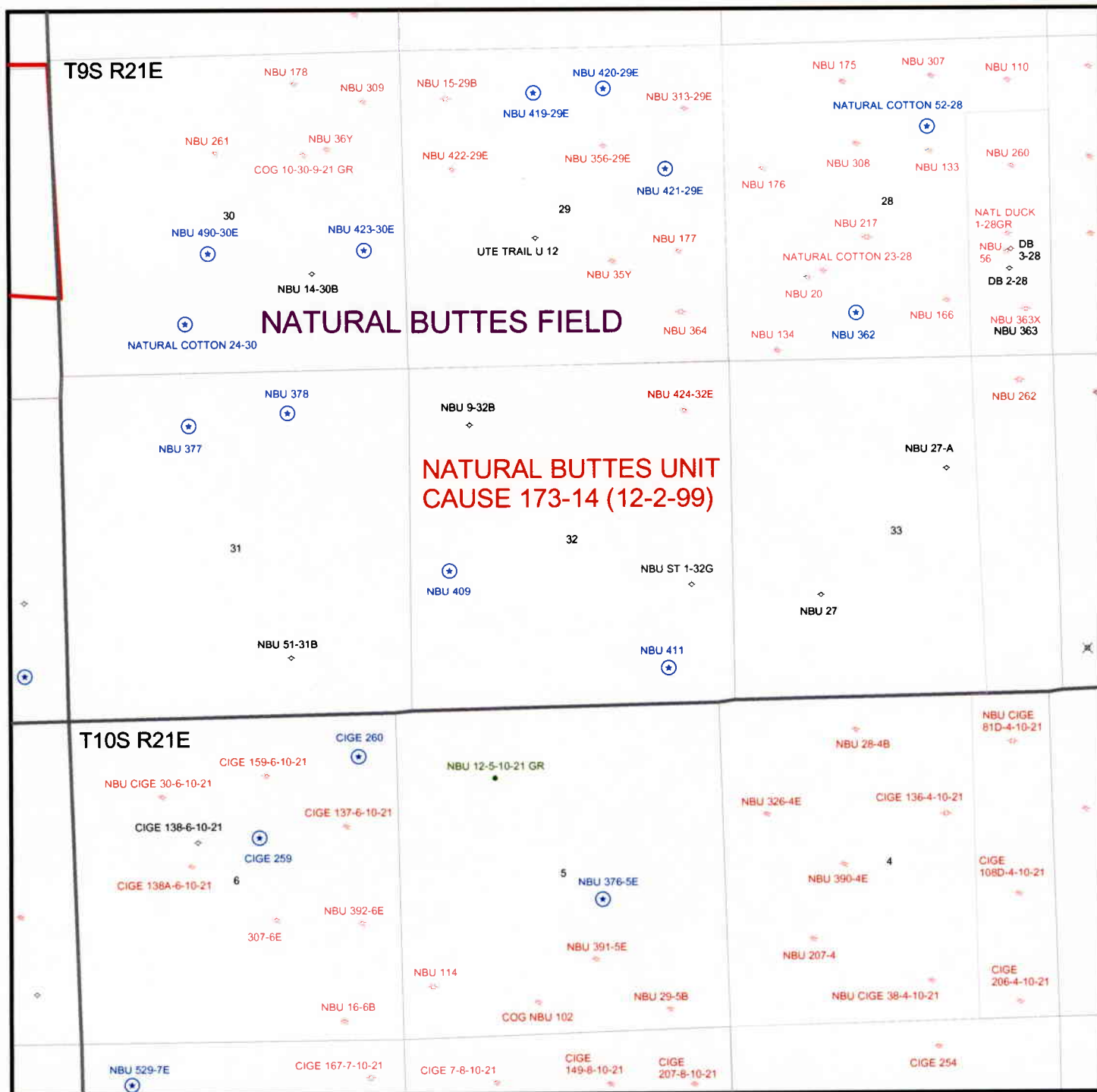
Utah Oil Gas and Mining

OPERATOR: EL PASO PROD O&G CO (N1845)

SEC. 32, T9S, R21E

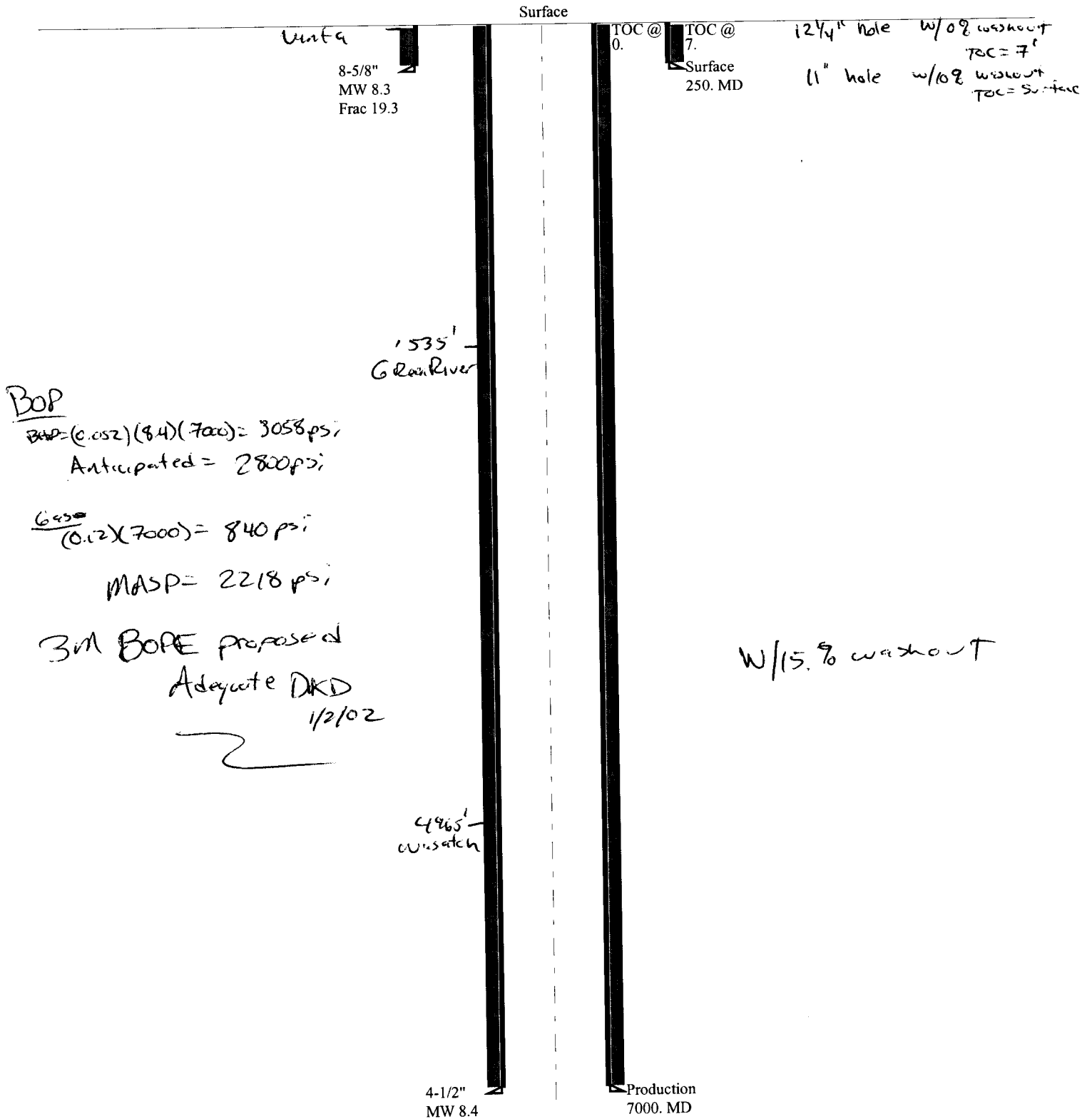
FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH CAUSE NO: 173-14



01-02 El Paso NBU 409

Casing Schematic



Well name: 01-02 El Paso NBU 409	
Operator: El Paso Production Company	Project ID: 43-047-34421
String type: Surface	
Location: Uintah County	

Design parameters:
Collapse

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 68 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 200 ft

Cement top: 7 ft

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.436 psi/ft
Calculated BHP 109 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 219 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,000 ft
Next mud weight: 8.400 ppg
Next setting BHP: 3,055 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 250 ft
Injection pressure 250 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	250	8.625	24.00	K-55	ST&C	250	250	7.972	12

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	108	1370	12.66	109	2950	27.04	6	263	43.83 J

Prepared by: Dustin Doucet
Utah Dept. of Natural Resources

Phone: 801-538-5281
FAX: 801-359-3940

Date: January 2, 2002
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 250 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

01-02 El Paso NBU 409Operator: **El Paso Production Company**String type: **Production**

Project ID:

43-047-34421Location: **Uintah County****Design parameters:****Collapse**Mud weight: 8.400 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 163 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 368 ft

Cement top: Surface

BurstMax anticipated surface pressure: 0 psi
Internal gradient: 0.436 psi/ft
Calculated BHP 3,054 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 6,121 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7000	4.5	11.60	K-55	LT&C	7000	7000	3.875	162.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3054	4960	1.62	3054	5350	1.75	81	180	2.22 J

Prepared by: Dustin Doucet
Utah Dept. of Natural ResourcesPhone: 801-538-5281
FAX: 801-359-3940Date: January 2, 2002
Salt Lake City, Utah

ENGINEERING STIPULATIONS: Surface casing cemented to surface; Oil shale

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 7000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: EL PASO PRODUCTION OIL AND GAS COMPANY
Well Name & Number: NBU 409
API Number: 43-047-34421
Location: 1/4,1/4 NW/SW Sec. 32 T. 9S R. 21E

Geology/Ground Water:

El Paso proposes to set 250' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,900'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of section 32. This well is 1667' deep and is listed as an industrial well. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought to above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Reviewer: Brad Hill
Date: 12/26/2001

Surface:

The pre-drill investigation of the surface was performed on 12/20/2001. Surface and minerals owner is State of Utah. SITLA and DWR were notified of this investigation on 12/18/2001. Miles Hanberg was present and represented DWR. SITLA did not have a representative present. Reserve pit will be constructed south of well bore.

Reviewer: David W. Hackford
Date: 12/21/2001

Conditions of Approval/Application for Permit to Drill:

None.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY
WELL NAME & NUMBER: NBU 409
API NUMBER: 43-047-34421
LEASE: ML-48758 **FIELD/UNIT:** NATURAL BUTTES
LOCATION: 1/4, 1/4 NW/SW SEC: 32 TWP: 9S RNG: 21E 625' F W L
2224' F S L
LEGAL WELL SITING: Board Spaced area requiring 460' from unit
boundary and uncommitted tracts.
GPS COORD (UTM): 12621012E 4427671N
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS:

CARROLL WILSON, CLAY EINERSON, RON RYAN, (EL PASO): ROBERT KAY,
(U.E.L.S.): DAVID HACKFORD, (D.O.G.M.): MILES HANBERG, (D.W.R.).

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

SITE IS 11.9 MILES SOUTHEAST OF OURAY, UTAH AND 4.7 MILES EAST
OF THE SEEP RIDGE ROAD ON THE NORTH SIDE OF A VERY LOW RIDGE.
THE TOP OF THIS RIDGE IS 100' TO THE SOUTH. DRAINAGE IS TO THE
NORTH TOWARD THE WHITE RIVER 5.0 MILES AWAY.

SURFACE USE PLAN:

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 245'
AND ACCESS ROAD WOULD BE 0.3 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED
AFTER DRILLING WELL. PIPELINE WILL RUN 0.2 MILES TO THE
NORTHWEST AND TIE INTO AND EXISTING LINE AT THIS POINT.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SALTBRUSH, PRICKLY PEAR, GREASEWOOD, SHADSCALE, SAGE, RABBIT BRUSH: SONGBIRDS, RAPTORS, PRONGHORN, RODENTS, COYOTES.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT:

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED IN RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER S.I.T.L.A.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A COLD, CLOUDY DAY, WITH SIX INCHES OF SNOW COVER.

ATTACHMENTS:

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

12/20/01- 1:15 PM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

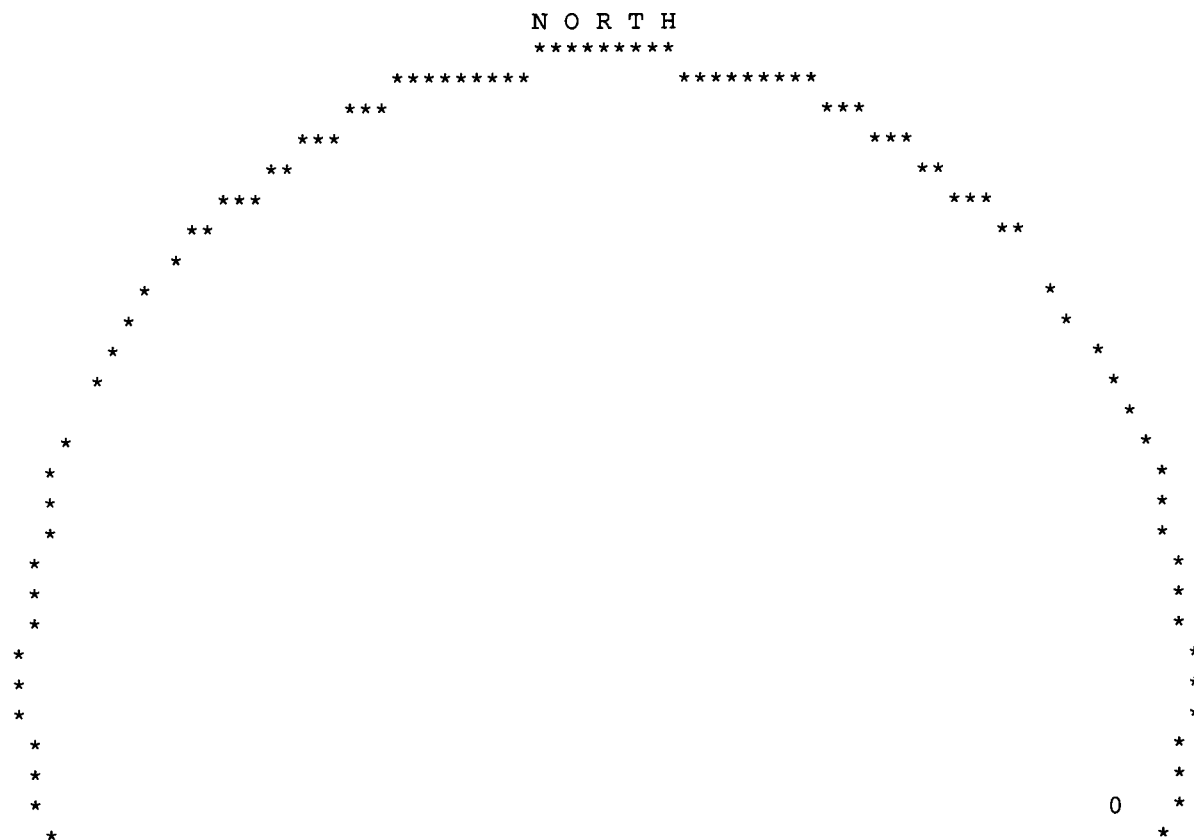
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score		<u>10</u>

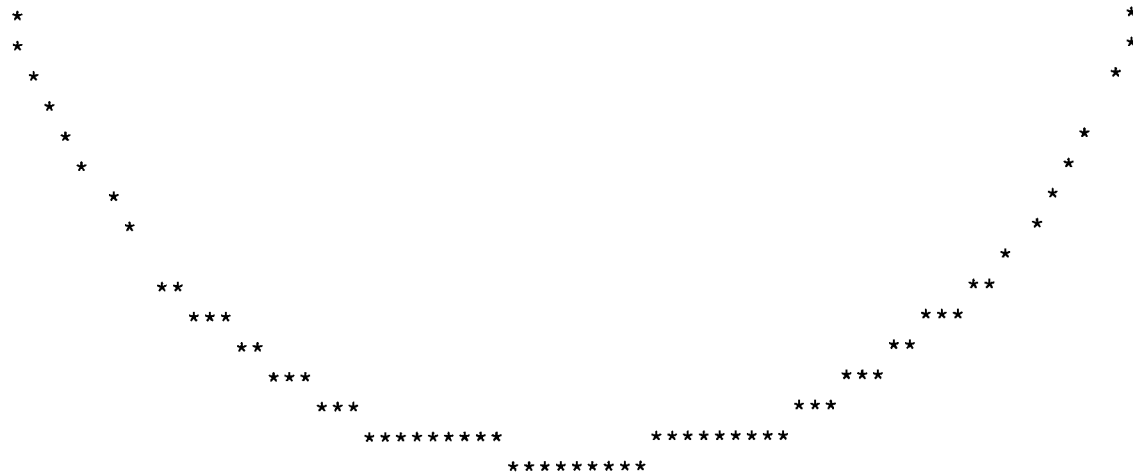


UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, DEC 26, 2001, 3:43 PM
PLOT SHOWS LOCATION OF 1 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE CT CORNER,
SECTION 32 TOWNSHIP 9S RANGE 21E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET





UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR	AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&
0	49 355	1.0000		.00	7	1667		N	951	E	689	SW 34	9S	21E S
WATER USE(S): MINING					OTHER	PRIORITY DATE: 07/10/1								
Tosco Corporation						10100 Santa Monica Blvd.					Los Angeles			



State of Utah

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 3, 2002

El Paso Production Oil & Gas Company
PO Box 1148
Vernal, UT 84078

Re: Natural Buttes Unit 409 Well, 2224' FSL, 625' FWL, NW SE, Sec. 32, T. 9 South,
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34421.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza
Associate Director

er

Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal Field Office

Operator: El Paso Production Oil & Gas Company
Well Name & Number Natural Buttes Unit 409
API Number: 43-047-34421
Lease: ML 48758

Location: NW SE **Sec.** 32 **T.** 9 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4.** Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

- 5.** In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

- 6.** Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

- 7.** Surface casing shall be cemented to the surface.

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

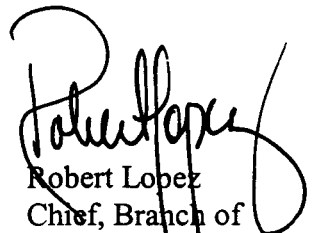
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

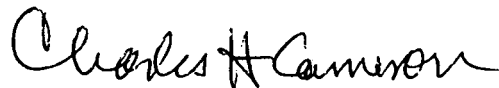
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

005

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-48758
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement Natural Buttes Unit
		9. Well Name and Number NBU #409
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number 43-047-34421
2. Name of Operator El Paso Production Oil & Gas Company		11. Field and Pool, or Wildcat Natural Buttes
3. Address of Operator P.O. Box 1148 Vernal, Utah 84078	4. Telephone Number (435) 781-7024	
5. Location of Well Footage : 2224'FSL & 625'FWL County : Uintah QQ, Sec, T., R., M. : NWSW Section 32-T9S-R21E State : Utah		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other <u>APD Extension</u>		<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____
Approximate Date Work Will Start <u>Immediate</u>		Date of Work Completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE OPERATOR REQUESTS THAT THE APD FOR THE SUBJECT WELL BE EXTENDED FOR AN ADDITIONAL YEAR SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED.

RECEIVED

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR
 Date: 01-16-03
 Initials: CHD

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: 01-15-03
 By: [Signature]

14. I hereby certify that the foregoing is true and correct.

Name & Signature Sheila Upcheg Title Regulatory Analyst Date 01/06/03
 (State Use Only)

**United States Department of the Interior****BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003IN REPLY REFER TO:
Real Estate Services

**Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078**

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,**Director, Office of Trust Responsibilities****ACTING****Enclosure**



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

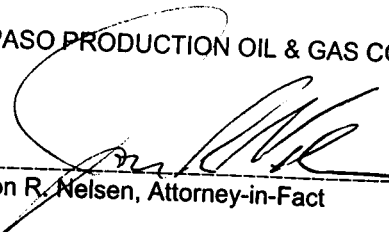
Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND #

State Surety Bond No. RLB0005236

Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: 
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

004

ROUTING

1. GLH

2. CDW ✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02

FROM: (Old Operator):

EL PASO PRODUCTION OIL & GAS COMPANY

Address: 9 GREENWAY PLAZA

HOUSTON, TX 77064-0995

Phone: 1-(832)-676-5933

Account No. N1845

TO: (New Operator):

WESTPORT OIL & GAS COMPANY LP

Address: P O BOX 1148

VERNAL, UT 84078

Phone: 1-(435)-781-7023

Account No. N2115

CA No.

Unit:

NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 377	31-09S-21E	43-047-34363	99999	FEDERAL	GW	APD
NBU 378	31-09S-21E	43-047-34364	2900	FEDERAL	GW	P
NBU 409	32-09S-21E	43-047-34421	99999	STATE	GW	APD
NBU 411	32-09S-21E	43-047-34422	99999	STATE	GW	APD
NBU 424-32E	32-09S-21E	43-047-33699	2900	STATE	GW	P
NBU 27	33-09S-21E	43-047-30304	2900	STATE	GW	PA
NBU 27-A	33-09S-21E	43-047-30398	2900	STATE	GW	PA
NBU 262	33-09S-21E	43-047-32929	2900	FEDERAL	GW	S
NBU 396	33-09S-21E	43-047-34480	2900	FEDERAL	GW	DRL
NBU 428	33-09S-21E	43-047-34709	99999	STATE	GW	APD
NBU 438	33-09S-21E	43-047-34787	99999	STATE	GW	APD
NBU CIGE 56-34-9-21	34-09S-21E	43-047-30530	2900	STATE	GW	P
NBU CIGE 87D-34-9-21	34-09S-21E	43-047-30869	2900	STATE	GW	P
NBU 98V	34-09S-21E	43-047-31327	2900	FEDERAL	GW	TA
CIGE 114-34-9-21	34-09S-21E	43-047-31915	2900	FEDERAL	GW	S
CIGE 143-34-9-21	34-09S-21E	43-047-31995	2900	FEDERAL	GW	P
NBU 221	34-09S-21E	43-047-32499	2900	FEDERAL	GW	PA
NBU 221X	34-09S-21E	43-047-32545	2900	STATE	GW	P
CIGE 236-34-9-21	34-09S-21E	43-047-32861	2900	STATE	GW	P
CIGE 203-34-9-21	34-09S-21E	43-047-32881	2900	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/18/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

006

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date: 9-16-03

Initials: JTC

Title

Operations Manager

Date

9-2-2003

SEP 10 2003

DIV OF OIL GAS

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

Date

Federal Approval of This
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Project Economics Worksheet**Instructions:**

Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ???

N

(Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$ / HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

Project Life:

Life = **20.0** Years
(Life no longer than 20 years)

Internal Rate of Return:After Tax IROR = **#DIV/0!****AT Cum Cashflow:**Operating Cashflow = **(\$2,917)** (Discounted @ 10%)**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

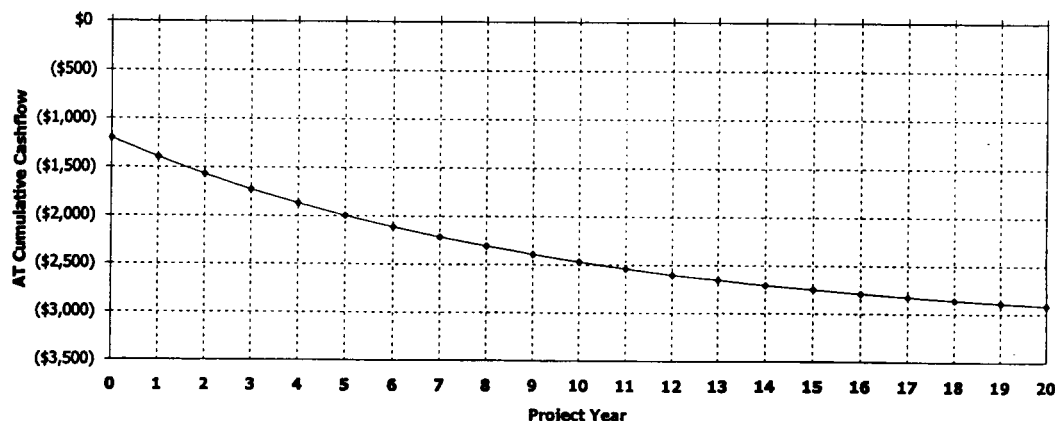
Payout = **NEVER** Years or **#VALUE!** Days**Gross Reserves:**

Oil Reserves = **6** BO
Gas Reserves = **0** MCF
Gas Equiv Reserves = **36** MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	API NO
NBU 332	10-10-21 NWSW	UTU01416A	891008900A	430473364000S1
NBU 333	13-10-21 SWSW	ML23608	891008900A	430473364100S1 ✓
NBU 335	4-10-22 SENE	UTU01191	891008900A	430473372400S1
NBU 336	4-10-22 NWNE	U-01191	891008900A	430473402700S1
NBU 337	4-10-22 SENW	U-01191-A	891008900A	430473402000S1
NBU 338	5-10-22 NESE	UTU01191	891008900A	430473405800S1
NBU 339	5-10-22 NWSE	UTU01191	891008900A	430473440600S1
NBU 340	6-10-22 SWNE	UTU01195	891008900A	430473372500S1
NBU 340X	6-10-22 SWNE	UTU01195	891008900A	430473401500S1
NBU 341	6-10-22 SWNW	UTU464	891008900A	430473372600S1
NBU 342	7-10-22 NWSE	UTU468	891008900A	430473372700S1
NBU 343	8-10-22 NWNE	UTU01196C	891008900A	430473371900S1
NBU 344	8-10-22 SWNE	UTU01196C	891008900A	430473402100S1
NBU 345	10-10-22 SWNE	UTU02587	891008900A	430473370400S1 ✓
NBU 345-4E	4-10-21 SWSW	UTU01393B	891008900A	430473470000S1 ✓
NBU 347	11-10-22 NWSW	UTU01197A	891008900A	430473370900S1 ✓
NBU 348	11-10-22 SWSW	UTU01197A-ST	891008900A	430473400100S1
NBU 349	11-10-22 SWSE	UTU01197A-ST	891008900A	430473400200S1 ✓
NBU 350	14-10-22 NWNE	UTU01197A	891008900A	430473364200S1 ✓
NBU 351	30-10-22 SESE	UTU0132568A	891008900A	430473366800S1
NBU 352	9-9-21 SWNW	UTU0149767	891008900A	430473392200S1
NBU 353	27-9-21 SENW	U01194A	891008900A	430473320500S1 ✓
NBU 354	31-9-22 NENW	UTU464	891008900A	430473323100S1
NBU 356	30-9-22 NENW	U463	891008900A	430473323200S1
NBU 357	15-10-21 SWSW	UTU01791A	891008900A	430473372800S1
NBU 358	16-10-21 SESW	ML10755	891008900A	430473370800S1
NBU 359	29-10-21 NWNE	ML21330	891008900A	430473370600S1
NBU 360	29-10-22 SESW	UTU0145824	891008900A	430473377300S1
NBU 361	32-10-22 NWNW	ML22798	891008900A	430473370500S1 ✓
NBU 362	28-9-21 SESW	UTU0576	891008900A	430473377400S1
NBU 363	28-9-21 SESE	UTU0576	891008900A	430473377500S1
NBU 364	29-9-21 SESE	UTU0581	891008900A	430473377600S1
NBU 365	3-10-21 SESE	UTU0149078	891008900A	430473377700S1
NBU 366	10-10-21 NWNW	UTU0149079	891008900A	430473372900S1
NBU 367	11-10-22 NESW	UTU01197A-ST	891008900A	430473370700S1 ✓
NBU 370	17-9-21 NWSW	UTU0575	891008900A	430473467200S1 ✓
NBU 371	8-9-21 SWSE	UTU0575B	891008900A	430473467300S1 ✓
NBU 375	12-9-21 SWNE	UTU0141317	891008900A	430473444000S1 ✓
NBU 376	12-9-21 NENE	UTU0141317	891008900A	430473444100S1 ✓
NBU 377	31-9-21 NENW	UTU0582	891008900A	430473436300S1
NBU 378	31-9-21 NWNE	UTU0582	891008900A	430473436400S1
NBU 381	23-10-22 SESW	UTU01198B	891008900A	430473423400S1
NBU 382	22-10-22 SENW	U-01198-B	891008900A	430473423500S1
NBU 383	21-10-22 SESW	U-489	891008900A	430473423600S1
NBU 384	30-10-22 SENW	UTU0132568A	891008900A	430473423700S1 ✓
NBU 385	18-10-22 SENW	ML22973	891008900A	430473422800S1
NBU 386	17-10-22 NESE	UTU470	891008900A	430473423800S1
NBU 387	23-10-21 SWSE	U-02277-A	891008900A	430473423900S1
NBU 388	22-10-21 SENW	U-02278-A	891008900A	430473424000S1
NBU 389	28-10-21 NENE	ML21329	891008900A	430473422900S1
NBU 390	30-10-21 SESE	ML22793	891008900A	430473423000S1
NBU 391	17-9-21 NWNW	UTU0575	891008900A	430473487400S1
NBU 393	22-9-20 SWNW	U0577B	891008900A	43047348640S1
NBU 394	11-10-22 SWSE	UTU01197A-ST	891008900A	430473480400S1 ✓
NBU 395	27-9-21 SWSW	UTU01194A-ST	891008900A	430473437400S1 ✓
NBU 396	33-9-21 NENW	UTU0576	891008900A	430473448000S1 ✓
NBU 397	26-10-20 NESW	UTU4476	891008900A	430473436500S1
NBU 398	18-10-21 NENW	UTU02270A	891008900A	430473436600S1
NBU 399	14-10-21 NWNW	UTU465	891008900A	430473440900S1
NBU 400	16-10-21 NENW	ML10755	891008900A	430473479400S1
NBU 401	23-10-21 NENE	UTU02278A	891008900A	430473480100S1
NBU 404	32-9-22 SWSE	ML22649	891008900A	430473437500S1 ✓
NBU 405	27-9-21 NENE	UTU01194A-ST	891008900A	430473440700S1 ✓
NBU 407	32-10-22 NENW	ML22798	891008900A	430473431800S1 ✓
NBU 408	31-10-22 NENE	UTU0143551	891008900A	430473459000S1 ✓
NBU 409	32-9-21 NWSW	ML48758	891008900A	430473442100S1 ✓
NBU 410	32-9-21 SWSW	ML48758	891008900A	430473487200S1
NBU 411	32-9-21 SESE	ML48758	891008900A	430473442200S1 ✓
NBU 412	32-10-22 SENW	ML22798	891008900A	430473431900S1 ✓
NBU 413	32-10-22 SWNW	ML22798	891008900A	430473432000S1 ✓
NBU 414	31-10-22 SENE	UTU0143551	891008900A	430473436700S1
NBU 414-20E	20-9-21 NWNE	U0143551/U0575	891008900A	430473477900S1
NBU 415-20E	20-9-21 SWNE	UTU0575	891008900A	430473448900S1 ✓
NBU 416	26-9-20 SESE	ML48757	891008900A	430473442300S1 ✓
NBU 418	12-9-21 NWNW	UTU0141317	891008900A	430473477700S1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

007

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-48758
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 409
		10. API Well Number 43-047-34421
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		11. Field and Pool, or Wildcat NATURAL BUTTES
3. Address of Operator 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	4. Telephone Number (435)781-7060	
5. Location of Well Footage : 2224' FSL 625' FWL County : UINTAH QQ, Sec, T., R., M : NWSW SEC 32-T9S-R21E State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT (Submit in Duplicate) <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>APD EXTENSION</u></td> </tr> </table> Approximate Date Work Will Start <u>IMMEDIATE</u>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>APD EXTENSION</u>		SUBSEQUENT REPORT (Submit Original Form Only) <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> Date of Work Completion _____ <p style="font-size: small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THE OPERATOR REQUESTS THAT THE APD FOR THE SUBJECT WELL BE EXTENDED FOR AN ADDITIONAL YEAR SO THAT DRILLING OPERATIONS MAY BE COMPLETED.

RECEIVED

JAN 12 2004

DIV. OF OIL, GAS & MINING

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: 01-22-04
 By: [Signature]

COPY SENT TO OPERATOR
 Date: 1-23-04
 Initials: CHD

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI [Signature] Title SR ADMIN ASSIST Date 01/09/04

(State Use Only)

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-34421
Well Name: NBU 409
Location: NATURAL BUTTES
Company Permit Issued to: WESTPORT OIL & GAS COMPANY, L.P.
Date Original Permit Issued: 1/3/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Debra Domenech
Signature

1/12/2004

Date

Title: SR ADMINISTRATIVE ASSISTANT

Representing: WESTPORT OIL & GAS COMPANY, L.P.

RECEIVED
JAN 15 2004
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

008

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number ML-48758																										
		7. Indian Allottee or Tribe Name																										
		8. Unit or Communitization Agreement																										
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU #409																										
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		10. API Well Number 43-047-34421																										
3. Address of Operator P.O. BOX 1148 VERNAL, UT 84078	4. Telephone Number (435) 781-7024	11. Field and Pool, or Wildcat NATURAL BUTTES UNIT																										
5. Location of Well Footage : 2224'FSL & 625'FWL County : UINTAH QQ, Sec, T., R., M : NWSW SECTION 32-T9S-R21E State : UTAH																												
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																												
NOTICE OF INTENT (Submit in Duplicate) <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>CHANGE TO NAME AND NUMBER</u></td> </tr> </table> Approximate Date Work Will Start <u>IMMEDIATE</u>		<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>CHANGE TO NAME AND NUMBER</u>		SUBSEQUENT REPORT (Submit Original Form Only) <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> Date of Work Completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)																												

THE OPERATOR REQUESTS AUTHORIZATION TO CHANGE THE SUBJECT WELL LOCATION FROM NBU #409 TO STATE #921-32L. THE SUBJECT WELL IS NOT IN THE NATURAL BUTTES UNIT.

14. I hereby certify that the foregoing is true and correct.

Name & Signature

Sheila Upchego

Title Regulatory AnalystDate 01/21/04

(State Use Only)

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JAN 26 2004

009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		6. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, re-enter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		8. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT OR CA AGREEMENT NAME: NATURAL BUTTES UNIT
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		8. WELL NAME AND NUMBER: NBU 921-32L
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		9. API NUMBER: 4304734421
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2224'FSL & 625'FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/22/2005	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: APD EXTENSION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

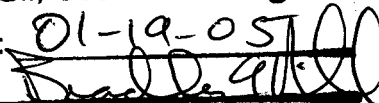
THE OPERATOR REQUESTS AUTHORIZATION FOR A EXTENSION OF THE WELL LOCATION, UNTIL SUCH TIME THAT THE WELL LOCATION CAN BE SPUD. THE OPERATOR IS IN THE PROCESS OF COMPLETING THE BUILDING OF THE LOCATION AND WILL MOVE A BUCKET RIG ON LOCATION TO BE SPUD.

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

01-19-05

By:



COPIES SENT TO OPERATOR

Date: 1-20-05

Initials: CHD

RECEIVED

JAN 18 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE 	DATE 1/18/2005

(This space for State use only)

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304734421
Well Name: NBU 921-32L
Location: NWSW SECTION 32-T9S-R21E
Company Permit Issued to: WESTPORT OIL & GAS CO., L.P.
Date Original Permit Issued: 1/3/2002

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

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Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

1/18/2005
Date

Title: REGULATORY ANALYST

Representing: WESTPORT OIL & GAS COMPANY L.P.

RECEIVED
JAN 18 2005

DIV. OF OIL, GAS & MINING

**WESTPORT OIL AND GAS COMPANY, L.P.**

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-0166 Fax: 435-781-7095

To: BRAD HILL	From: SHEILA UPCHEGO
Fax: (801) 359-3940	Pages: X3
Phone:	Date: 1/18/04
Re: APD EXTENSIONS	CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

● Comments:

BRAD:

AS PER OUR CONVERSATION I AM SENDING IN ONE APD EXTENSION FOR THE STATE 921-32L LOCATION. THE OTHER THREE LOCATIONS HAS BEEN SPUDDED. I AM WAITING ON THE REPORTS TO SEND IN.

THE STATE 921-32L WILL BE SPUDDED BY THE END OF THE MONTH.

IF YOU HAVE ANY QUESTIONS PLEASE FEEL FREE TO CALL ME AT (435) 781-7024.

RECEIVED
JAN 18 2005
DIV. OF OIL, GAS & MINING

010

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR WESTPORT O&G COMPANY L.P.
ADDRESS 1368 SOUTH 1200 EAST
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N 2115

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	14522	43-047-34421	STATE 921-32L	NWSW	32	9S	21E	UINTAH	1/19/2005	1/25/05
WELL 1 COMMENTS: MIRU PETE MARTIN BUCKET RIG SPUD WELL LOCATION ON 1/19/05 AT 8:00 AM.											
A	99999	14523	43-047-34872	STATE 921-32M	SWSW	32	9S	21E	UINTAH	1/19/2005	1/25/05
WELL 2 COMMENTS: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 1/19/05 AT 9:00 AM.											
B	99999	2900	43-047-34787	NBU 438	SWNW	33	9S	21E	UINTAH	1/19/2005	1/25/05
WELL 3 COMMENTS: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 1/13/05 AT 1300 HRS.											
A	99999	14524	43-047-35745	BONANZA 1023-1E	SWNW	1	10S	23E	UINTAH	1/20/2005	1/25/05
WELL 4 COMMENTS: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 1/20/05 AT 8 AM.											
A	99999	14525	43-047-34741	OURAY 6-225	NESW	6	9S	21E	UINTAH	1/7/2005	1/25/05
WELL 5 COMMENTS: MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 1/7/05 AT 8 AM.											

Post-It® Fax Note 7671

To ERLENE Russell	From Shana Upchendo
Co./Dept. LIT DOG M	Co. WESTPORT O&G
Phone (801) 339-5330	Phone (435) 781-7024
Fax (801) 339-3940	Fax (435) 781-7094

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another exist
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.
(3/89)

CONFIDENTIAL

Signature *Shana Upchendo*

REGULATORY ANALYST 01/24/05
Title Date

Phone No. (435) 781-7024

RECEIVED
JAN 24 2005

UTAH OIL, GAS & MINING

P. 01

FAX NO. 4357817094

JAN-24-2005 MON 10:43 AM EL PASO PRODUCTION

011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NATURAL BUTTES UNIT
3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2224'FSL & 625'FWL		8. WELL NAME and NUMBER: NBU 921-32L
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E		9. API NUMBER: 4304734421
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/19/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: WELL SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" CONDUCTOR PIPE. CMT W/28 SX READY MIX CMT.

SPUD WELL LOCATION ON 1/19/05 AT 8 AM.

RECEIVED
FEB 01 2005
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO	TITLE REGULATORY ANALYST
SIGNATURE <i>Sheila Upchego</i>	DATE 1/24/2005

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

012

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-48758
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement NATURAL BUTTES
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		9. Well Name and Number NBU 921-32L
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-34421
3. Address of Operator 1368 SOUTH 1200 EAST, VERNAL, UT 84078	4. Telephone Number 435-781-7044	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 2224' FSL, 625' FWL County : UINTAH QQ, Sec. T., R., M : NWSW, SECTION 32, T9S, R21E SLB&M State : UTAH		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>DRILLING</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>DRILLING</u>	
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU BILL JR'S RATHOLE DRILLING. DRILLED 12 1/4" HOLE TO 2850' AND RUN 62 JOINTS OF 9 5/8" CASING. CEMENT WITH LEAD 230 SKS CLASS G, 3.82 YIELD, 11.0 PPG, TAILED W/200 CLAS G 1.18 YIELD, 15.6 PPG.

RECEIVED
MAR 18 2005
 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature Raleen Weddle Title Regulatory Admin. Date 03/16/05

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR:
WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:
1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-48758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NATURAL BUTTES UNIT

8. WELL NAME and NUMBER:
NBU 921-32L

9. API NUMBER:
4304734421

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2224'FSL & 625'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DRILLING OPERATIONS
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2850' TO 9737'. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/730 SX PREM LITE II @11.0 PPG 3.32 YIELD. TAILED CMT W/1900 SX 50/50 POZ @14.3 PPG 1.31 YIELD.

RELEASED CAZA 83 ON 4/3/05 AT 8:00 PM.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 4/6/2005

(This space for State use only)

RECEIVED

APR 13 2005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR:

1368 S. 1200 E.

CITY

VERNAL

STATE

UT

ZIP

84078

PHONE NUMBER

(435) 781-7024

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-48758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

STATE 921-32L

9. API NUMBER:

4304734421

10. FIELD AND POOL, OR WILDCAT:

NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2224'FSL & 625'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/23/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: PRODUCTION START-UP
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 4/23/05 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 4/25/2005

(This space for State use only)

RECEIVED

MAY 03 2005

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

STATE 921-32P

UINTAH COUNTY, UT

	SPUD	Surface Casing	Activity	Status
02/28/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/01/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/02/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/03/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/04/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/07/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/08/05	2/25/05	9 5/8" @ 2689'	Drill to 2850'. Set surf csg.	Caza 83
03/09/05	2/25/05	9 5/8" @ 2689'		Wort Caza 83
03/10/05	2/25/05	9 5/8" @ 2689'		Wort Caza 83
03/11/05	2/25/05	9 5/8" @ 2689'		Wort Caza 83
03/14/05	2/25/05	9 5/8" @ 2689'		Wort Caza 83
03/15/05	2/25/05	9 5/8" @ 2689'		Wort Caza 83
03/16/05	Move to State 921-32L. Spot equipment and rig up.			
03/17/05	TD: 2850'	Csg. 9 5/8" @ 2689'	MW: 8.4 SD: 3/X/05	DSS: 0
	Finish rigging up Caza 83. NU and Test BOPE @ report time.			
03/18/05	TD: 3300'	Csg. 9 5/8" @ 2689'	MW: 8.4 SD: 3/17/05	DSS: 1
	Test BOPE. PU BHA and DP. Drill cmt and FE. Drill f/ 2689'-3300'. DA @ report time.			
03/21/05	TD: 6260'	Csg. 9 5/8" @ 2689'	MW: 9.9 SD: 3/17/05	DSS: 4
	Drill f/ 3300'-6260'. DA @ report time.			
03/22/05	TD: 6830'	Csg. 9 5/8" @ 2689'	MW: 10.4 SD: 3/17/05	DSS: 5
	Drill f/ 6260'-6313'. Shut well in and circulate through choke. Raise mud weight to 10.4 ppg to control gas. Drill to 6830'. DA @ report time.			

03/23/05 TD: 7250' Csg. 9 5/8" @ 2689' MW: 10.5 SD: 3/17/05 DSS: 6
Drill from 6830'-7250'. DA @ report time.

03/24/05 TD: 7660' Csg. 9 5/8" @ 2689' MW: 10.9 SD: 3/17/05 DSS: 7
Drill from 7250'-7660'. DA @ report time.

03/25/05 TD: 8000' Csg. 9 5/8" @ 2689' MW: 11.6 SD: 3/17/05 DSS: 8
Drill from 7660'-7957'. Raise mud weight to control gas. Drill to 8000'. DA @ report time.
Top of Mesaverde @ 7835'.

03/28/05 TD: 8640' Csg. 9 5/8" @ 2689' MW: 13.0 SD: 3/17/05 DSS: 11
Drill from 8000'-8464'. CCH and raise mud weight to 12.4 to control gas and sloughing shale.
TFNB. Drill from 8464'-8640'. Raise MW to 13.0 to stop sloughing shale. DA @ report time.

03/29/05 TD: 9154' Csg. 9 5/8" @ 2689' MW: 13.1 SD: 3/17/05 DSS: 12
Drill from 8640'-9154'. DA @ report time.

03/30/05 TD: 9154' Csg. 9 5/8" @ 2689' MW: 13.1 SD: 3/17/05 DSS: 12
Drill from 8640'-9154'. DA @ report time.

03/31/05 TD: 9512' Csg. 9 5/8" @ 2689' MW: 13.2 SD: 3/17/05 DSS: 14
Drill from 9243'-9512'. TFNB @ report time.

04/01/05 TD: 9730' Csg. 9 5/8" @ 2689' MW: 13.2 SD: 3/17/05 DSS: 15
Finish POOH. LD IBS and MU bit. TIH and drill from 9512'-9730'. DA @ report time.

04/04/05 TD: 9737' Csg. 9 5/8" @ 2689' MW: 13.2 SD: 3/17/05 DSS: 18
Drill from 9730'-9737'. CCH for logs. Run logs w/ loggers TD @ 9724'. TIH. Lost 250 bbls
mud on trip. CCH while waiting on orders. Decision made to change out csg. LDDP & BHA.
Run and cmt 4.5" M80 csg. Set slips, NDBOPE. Released rig @ 8:00 PM on 4/3/05.

04/05/05 TD: 9737' Csg. 9 5/8" @ 2689' MW: 13.2 SD: 3/17/05 DSS: 19
Rig down rotary tools. Prepare to move rig this am.

04/15/05 PROG: NU BOP TEST BCSG & BOP TO 7500#, GOOD TEST, RU FLOOR TALLY & PU 2-
3/8 J-55 TBG, RIH NW/BIT TAG @ 9657' POOH. SDFN.

04/18/05 PROG: MIRU CUTTERS RUN CBL-CCL LOG F/9550' TO 850' PU 3-3/8 -23 GM-.35 HOLES,
RIH PERF @ 9239'-41' 9339'-45' 9417'-9422' 4 SPF NO BLOW SWI SDFWE.

04/19/05 PROG: 7:00 AM

STAGE 1#: RU SCHLUM & CUTTERS. OPEN PRESS 2135. FRAC PERFS 9239-9422.
BROKE @ 3400, INJ R: 3, INJ P: 3400, ISIP: 3060, FG: .76, MP: 6845, MR: 45.6, AP: 4694,
AR: 41.9, FG: .86, ISIP: 3972, NPI: 912, CLEAN 2075 BBLS YF122ST, SD 250,985#.

STAGE 2#: RIH SET CBP @ 9082'. PERF 8895-99, 9050-51. AFTER PERF 2600#. BROKE
PERFS @ 4379, INJ R: 3, INJ P: 3450, ISIP: 3045, FG: .77, MP: 5882, MR: 30.5, AP: 4646, AR:
29.5, FG: .90, ISIP: 4170, NPI: 1125, CLEAN 1071 BBLS YF120ST, SD 130,000#.

STAGE 3#: RIH SET CBP @ 8527', PERF 8378-82, 8494-97, BROKE @ 3636, INJ R: 3.4, INJ
P: 3414, ISIP: 3012, FG: .79, MP: 5463, MR: 30.5, AP: 4485, AR: 29.6, FG: .94, ISIP: 4260,
NPI: 1248, CLEAN 1216 BBLS YF120ST, SD 154,500#.

STAGE 4#: RIH SET CBP @ 8262, PERF 8163-68, 8227-32, BROKE @ 4117, INJ R: 3.8, INJ P: 4040, ISIP: 3440, FG: .85, MP: 7443, MR: 39.6, AP: 5663, AR: 37.8, FG: 1.19, ISIP: 6229, NPI: 2789, CLEAN 1342 BBLS YF120ST, SD 148,500#. CUT FRAC SHORT.

STAGE 5#: RIH SET CBP @ 7717', PERF 7338-41, 7683-87. BROKE @ 2350, INJ R: 3.8, INJ P: 2301, ISIP: 2000, FG: .70, MP: 4827, MR: 36, AP: 3550, AR: 34.5, FG: .80, ISIP: 2720, NPI: 720, CLEAN 832 BBLS YF118ST, SD 104,550#.

STAGE 6#: RIH SET CBP @ 6689, PERF 6372-76, 6654-59, BROKE @ 1970, INJ R: 3.8, INJ P: 1960, ISIP: 1730, FG: .70, MP: 4452, MR: 41.1, AP: 3361, AR: 39.4, FG: .82, ISIP: 2526, NPI: 796, CLEAN 1223 BBLS YF118ST, SD 189,800#. TOTALS FOR FRAC, CLEAN 1223 BBLS, SD 978,335#. RD SCHLUM. RIH & SET CBP @ 6300'. RD CUTTERS. SWI 7:00 PM.

04/20/05 PROG: MAKE UP 3-7/8 BIT-POBS RIH W/2-3/8 TBG TAG @6300' RU DRLG EQUIP. DRL OUT CBP @ 6300' 900# KICK. RIH TAG 6355' 30 SD ON PLUG. DRL OUT SD & CBP @ 6689' 400# KICK. RIH TAG @ 7690' 30 SD ON PLUG. DRL CBP @ 7717' 300# KICK. RIH TAG @ 8230' 30' SD ON PLUG. DRL OUT CBP @ 8262' 300# KICK. RIH TAG @ 8500' 30' SD ON PLUG. DRL OUT SD & CBP @ 8527' 300# KICK. RIH TAG @9050' 30' SD ON PLUG. DRL OUT SD & CBP N@ 9081' 500# KICK. CLEAN OUT TO PB @ 9557' CIRC CLEAN, POOH. LD 26 JTS 2-3/8 TBG LAND ON WL HEAD W/268 JTS EOT 8682', ND BOP, NU TREE PMP OFF BIT RD DRLG EQUIP. TURN WL TO FLW BACK CREW, SDFN.

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1375#, TP: 1100#, 20/64 CHK, 41 BWPH, 24 HRS, SD: TRACE, TTL BBLS FLWD: 3929, TODAYS LTR: 7,700 BBLS, LOAD REC TODAY: 3,929 BBLS, REMAINING LTR: 3,771 BBLS, TOTAL LOAD REC TO DATE: 3,929 BBLS.

04/21/05 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2760#, TP: 1325#, 20/64 CHK, 24 BWPH, 24 HRS, SD: LIGHT TRACE, TTL BBLS FLWD: 840 BBLS, TODAYS LTR: 3,771 BBLS, LOAD REC TODAY: 840 BBLS, REMAINING LTR: 2,931 BBLS, TOTAL LOAD REC TO DATE: 4,769 BBLS.

04/22/05 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2400#, TP: 1250#, 20/64 CHK, 14 BWPH, 24 HRS, SD: CLEAN, TTL BBLS FLWD: 441 BBLS, TODAYS LTR: 2931 BBLS, LOAD REC TODAY: 441 BBLS, REMAINING LTR: 2,490 BBLS, TOTAL LOAD REC TO DATE: 5,210 BBLS.

04/25/05 **ON SALES**

04/22/05: TURNED WELL ON THIS AM.

04/23/05: 744 MCF, 0 BC, 396 BW, TP: 735#, CP: 1624#, 20/64 CHK, 18 HRS, LP: 142#.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR: WESTPORT OIL & GAS COMPANY L.P.

3. ADDRESS OF OPERATOR: 1368 S. 1200 E. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-7024

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2224'FSL & 625'FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

7. UNIT OR CA AGREEMENT NAME: NATURAL BUTTES UNIT

8. WELL NAME and NUMBER: NBU 921-32L

9. API NUMBER: 4304734421

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E

12. COUNTY: Uintah 13. STATE: UTAH

14. DATE SPUDDED: 1/19/2005 15. DATE T.D. REACHED: 4/4/2005 16. DATE COMPLETED: 4/23/2005 ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL): 4992'GL

18. TOTAL DEPTH: MD 9,737 TVD 19. PLUG BACK T.D.: MD 9,687 TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
✓ CBL-CCL-GR, HRE, SD/OSA, MICROLOG

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	54#		40		28			
12 1/4"	9 5/8 H-40	32.3#		2,850		430			
7 7/8	4 1/2 I-80	11.6#		9,737		2630			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8.682							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	6,372	7,687			6,372 7,687	0.35		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) MESAVERDE	8,163	9,422			8,163 9,422	0.35		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6372'-7687'	PMP 2055 BBLS YF118ST & 294.350# 20/40 SD
8163'-9422'	PMP 5704 BBLS YF120ST & 683.985# 20/40 SD

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

PROD

RECEIVED

MAY 23 2005

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 4/23/2005	TEST DATE: 4/24/2005	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 996	WATER - BBL: 288	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 653	CSG. PRESS. 1,445	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED: 4/23/2005	TEST DATE: 4/24/2005	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 996	WATER - BBL: 288	PROD. METHOD: FLOWING
CHOKE SIZE: 20/64	TBG. PRESS. 653	CSG. PRESS. 1,445	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: PROD

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
WASATCH MESAVERDE	4,962	8,019			

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT): SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 5/20/2005

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		1/6/2006
FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024		TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
 - Indian well(s) covered by Bond Number: RLB0005239
 - (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
 - The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
KERR McGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2224'FSL, 625'FWL

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-48758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
STATE 921-32L

9. API NUMBER:
4304734421

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

COUNTY: UINTAH

STATE:
UTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MAINTENANCE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

10/11/06 RR FROM FEDERAL 1022-33G TO LOCATION. SPOT RIG & EQUIP. BLOW DN WELL. RU PMP TO WELL. ATTEMPT TO PMP DN TBG TO KILL, WOULD NOT TAKE FL (PLUNGER IN TBG). ND WH, NU BOP. UNLAND TBG, LD HNDR. WAIT ONWELL TO BUILD PRES TO BRING PLUNGER TO SURFACE. SWI, SDFN.

10/12/06 Daily Detail : HSM. OPEN TBG, ATTEMPT TO BRING PLUNGER TO SURFACE. TBG WOULD NOT FLOW. OPEN WELL TO TANK TO BLOW DN. PMP 45 BBLs DN CSG TO KILL, RU PMP TO TBG. TBG WOULD NOT TAKE FLUID. PULL WET STRING, WATCHING FOR PLUNGER. STAND BACK 134 STANDS, LD SN, BMPR SPRNG & PLUNGER. BTM 3000' OF TBG HAD VERY BLACK STAGNANT WATER. OD OF TBG LOOKS GOOD, ID CLN. PU 3-7/8" MILL & NIPPLE. RIH TO C/O W/BIT, NIP & TBG. STOP (2 HRS) MAKE REPAIRS TO RIG DRAW WORKS. WELL BLEW IN, PMP 50 BBLs TO KILL. CONT TO RIH, PU 23 JTS FROM FLOAT, TAG BRIDGE @ 9385'. X-OVER EQUIP TO PWR SWVL. PREP TO C/O IN MORNING. SWI, SDFN.

10/13/06 Daily Detail : HSM. MAKE REPAIRS TO RIG DRAW WORKS. EST CIRC, START TO C/O CSG. MADE APPROX 13 FEET, MILLING PROGRESS VERY SLOW FOR NEXT 3 HRS (POSSIBLY MILLING ON BIT SUB). CIRCULATION POOR, PMP'D 600 BBL-RETURNED 85 TO TANK. POOH & LD TBG ON FLOAT. SWI, SDFN W/EOT @ 4518'.

10/16/06 OPEN WELL, 500 PSI. FLOW WELL TO KILL UNTIL 11:00 AM. RU HOT OILER TO WELL, PMP 50 BBLs TO KILL. CONT TO PMP 0.5 BBL/MIN WHILE POOH & LAYING DN TBG ON FLOAT. PMP'D 130 BBL TOT. ND BOP, NU WH. RD RIG, RACK OUT EQUIP. RDMO.

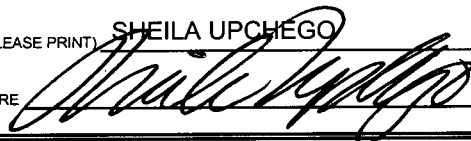
NAME (PLEASE PRINT)

SHEILA UPCHEGO

TITLE

REGULATORY ANALYST

SIGNATURE



DATE

10/31/2006

(This space for State use only)

RECEIVED
NOV 07 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
KERR McGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2224'FSL, 625'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SHUT IN
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator requests authorization to shut-in the subject well location. Gross production from the greater Natural Buttes area is currently constrained at roughly 215mmcf/d due to lack of export pipeline capacity. The field is capable of producing more gas than this, which results in frequent and widespread bottlenecked areas of high line pressure. This in turn causes numerous wells to log off of production, often requiring swab rigs to get them going again. Operating the field in this reactionary manner is very inefficient. The operator requests authorization to shut in wells strategically to alleviate this situation and utilize the resource more efficiently. A significant drop in production is not expected, as the field is constrained anyway. The subject well was selected on the basis of one or more of the following factors:

*Located in a bottlenecked area; *High intervention requirement relative to gas production, *High water production
Wells will be shut in for an indefinite period. As the constrained situation continues, different wells will be selected and subject wells will be returned to production in order to cycle the shut-ins around the field and allow well pressures to build up and assist with future production.

RECEIVED

NOV 07 2006

COPY SENT TO OPERATOR
Date: 11-17-06
Initials: RM

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 11/3/2006

(This space for State use only)

11/15/06
D. J. W. D.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-48758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

8. WELL NAME and NUMBER:
STATE 921-32L

2. NAME OF OPERATOR:
KERR MCGEE OIL & GAS ONSHORE LP

9. API NUMBER:
4304734421

3. ADDRESS OF OPERATOR:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2224'FSL, 625'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 9S 21E

STATE:
UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MAINTENANCE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

11/13/06 MAINTENANCE DAYS ON WELLWORK: 1 2:00 P.M. MOVE RIG TO LOCATION. RIG UP SPOT EQUIPMENT. TALLY 2 7/8" TUBING. SHUT DOWN FOR NIGHT. 11/14/06 Days On Completion: 2 7:00 HSM 300# ON WELL. KILL WELL W/60 BBLs. NDWH, NUBOP AND HIGH DRILL. PICK UP AND RUN 24 JTS 2 7/8" ULTRA FJ TUBING. MAKE UP CVR ASSEMBLY. CLOSE WELL IN BECAUSE OF HIGH WINDS. SHUT DOWN @ 1:00 P.M. 11/15/06 INSTALL CAPILARY STRING Days On Completion: 3 Remarks : 7:00 AM HSM, 100 PSI ON WELL, BLEED OFF PRESSURE, KILL WELL W/50 BBLs. RU CAP STRING SHEAVE, INSTALL INJ. VALVE SET FOR 3190 PSI. SPLICE CAP TBG INTO CVR ASSEMBLY, REMOVE PROTECTORS, TALLY, PICK UP & RUN 223 JTS. BAND CAP STRING TO TBG. 2 CLAMPS PER JT., SWIFN, 5:30 PM 11/16/06 INSTALL CAPILARY STRING Days On Completion: 4 Remarks : 7:00 AM HSM. TBG AND CSG 700 PSI. BLEED PRESSURE DOWN AND KILL WELL. PICK UP AND RUN 46 JTS AND CAP STRING TO TBG. LAND TBG ON 7 1/16" HANGER W/269 JTS IN HOLE. EOT @9343'. BOTTOM OF 2 3/8" @ 8542'. BOTTOM OF CVR ASSEMBLY @8567'. NDBOP AND HIGH DRILL. NUWH. HOOK UP CAP LINE TO WELL HEAD PUMP. PUMP 11 GALLONS OF SOAP THROUGH CAP LINE. RIG DOWN, LEAVE LOCATION @ 2:30 P.M

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE

DATE 1/16/2007

(This space for State use only)

RECEIVED

JAN 22 2007

(5/2000)

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: STATE 921-32L
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2224 FSL 0625 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 32 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047344210000
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/13/2010	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THIS WELL RETURNED TO PRODUCTION ON 4/13/2010.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 13, 2010		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/13/2010	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

C

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6304

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734421	STATE 921-32L		NWSW	32	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	14522	2900	1/19/2005		2/1/2012		
Comments: <u>moved into NBU</u> — <u>3/30/2012</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734872	STATE 921-32M		SWSW	32	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	14523	2900	1/19/2006		2/1/2012		
Comments: <u>Wsmvd</u> <u>moved into NBU</u> — <u>3/30/2012</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738130	STATE 921-32J		NWSE	32	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	16953	2900	7/3/2008		2/1/2012		
Comments: <u>moved into NBU</u> — <u>3/30/2012</u>							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

JAIME SCHARNOWSKE

Name (Please Print)

Signature

REGULATORY ANALYST

Title

3/28/2012

Date

RECEIVED

MAR 29 2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: STATE 921-32L
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2224 FSL 0625 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 32 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047344210000
PHONE NUMBER: 720 929-6510		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/8/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests approval to abandon the existing Wasatch and Mesaverde formations and recomplete the subject well in the Green River formation. This change will move the well from the Natural Buttes Unit to the Maverick Unit UTU88574X, approval order No. 197-013 on July 25, 2012. This is a state well with the lease number ML-48758. Please see the attached procedure. Thank you.		
NAME (PLEASE PRINT) Luke Urban		PHONE NUMBER 720 929-6501
SIGNATURE N/A		TITLE Regulatory Specialist
DATE 5/8/2013		APPROVED BY: <div style="text-align: center;"> Approved by the Utah Division of Oil, Gas and Mining Date: May 14, 2013 By: </div>



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047344210000

A minimum 100' of cement should be placed on the CIBP @ 6312' to isolate the open Wasatch formation perfs as required by rule R649-3-24-3.2.



Maverick Unit

STATE 921-32L

RE-COMPLETIONS PROCEDURE

**RUN CBL + LONG POINT DFIT & FRAC + CARB MARKER ACID
WASH + DOUGLAS CREEK FRAC**

FIELD ID: N/A

DATE: 5/6/13

AFE#:

API#: 4304734421

USER ID: VYI537

**COMPLETIONS ENGINEER: Paul Ryza , Denver, CO
(720) 929-6915 (Office)
(936) 499-6895 (Cell)**

REMEMBER SAFETY FIRST!

Name: State 921-32L
Location: NW SW Sec 32 T9S R21E
LAT: 39.9905636 **LONG: -109.5825519** **COORDINATE: NAD83** (*Surface Location*)
Uintah County, UT
Date: **5/6/13**

ELEVATIONS: 4992' GL 5007' KB *Frac Registry TVD: 9735*

TOTAL DEPTH: 9737'

PBTD: 9687'

SURFACE CASING: 9 5/8", 32.3 and 36# H-40 and J-55 STC @ 2705'

PRODUCTION CASING: 4 1/2", 11.6#, M-80 LTC@ 9732'

Marker Joint 4868-4880'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
2 7/8" 6.5# L-80 Ultra FJ tbg			2.347"	0.00575	0.2417
4 1/2" 11.6# M-80	7,780	5,350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	
2 7/8" by 4 1/2" Annulus				0.0075	

TOPS:

1752' Bird's Nest Top
 2232' Mahogany Top
 4002' Douglas Creek Top
 4334' Carb. Marker Top
 4504' Long Point Top
 4832' Uteland ButteTop
 4961' Wasatch Top
 8019' Mesaverde Top
 *Based on latest geological interpretation

T.O.C. @ 1520'

**Based on latest interpretation of CBL

- Hydraulic isolation estimated at **6130'** based upon from Cutter's CBL dated 4/15/05.
- All perforation depths are from Cutterss CBL log dated 4/15/05.

GENERAL:

- Please note that:
 - DFITs will be pumped in selective intervals. Detailed information regarding timing and intervals tested can be found in the post-job report.
 - In addition, all stages on this procedure may or may not be completed due to low frac gradients, timing, or other possible reasons. Total stages completed can be found in the post-job-report.

- CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.

Existing Perforations (from Open Wells):

<u>PERFORATIONS</u>						
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>spf</u>	<u>Shots</u>	<u>Date</u>
Wasatch		6372	6376	4	16	04/18/2005
Wasatch		6654	6659	4	20	04/18/2005
Wasatch		7338	7341	4	12	04/18/2005
Wasatch		7683	7687	4	16	04/18/2005
MESA VERDE		8163	8168	4	20	04/18/2005
MESA VERDE		8227	8232	4	20	04/18/2005
MESA VERDE		8378	8382	4	16	04/18/2005
MESA VERDE		8494	8497	4	12	04/18/2005
MESA VERDE		8895	8899	4	16	04/18/2005
MESA VERDE		9050	9051	4	4	04/18/2005
MESA VERDE		9239	9241	4	8	04/18/2005
MESA VERDE		9339	9345	4	24	04/18/2005
MESA VERDE		9417	9422	4	20	04/18/2005

Relevant History:

- 4/19/05: Originally completed in Mesaverde formation (4 stages) with ~ 239,568 gallons of Gel, 683,985 lbs of 20/40 Ottawa Sand sand & Wasatch formation (2 stages) with ~ 86,310 gallons of Gel, 294,350 lbs of 20/40 Ottawa Sand sand.
- 10/11/06: Tagged at 9385', cleaned out to 9398', milling slow, possibly milling on bit sub.
- 11/16/06: Ran tubing as follows:
 269 joints 2 3/8" 4.7# N-80 tbg 15'-8542'
 Crossover Assembly 8542-8567'
 24 joints 2 7/8" Ultra FJ tbg 8567'-9343'
 ****Cap string is banded onto outside of 2 3/8" tbg and spliced into crossover assembly**
- 1/17/11: Last slickline report:
 Ran jdc set down @ 8541 came out nothing ran scratcher set down @ 8541 beat down nothing came out ran 1.9 broach set down @ 8541 came out tubing was clean ran jdc set down @ 8541 beat down came out nothing my jdc will not latch on the plunger there is lots of trash on top rig down.
- 5/6/13: Tubing Currently Landed @~9343'

H2S History:

Production Date	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
3/31/2013	34.10	20.68	0.00	606.41	
2/28/2013	39.54	22.61	0.04	572.72	
1/31/2013	37.81	24.58	0.00	650.17	0.00
12/31/2012	35.03	23.26	0.16	668.51	
11/30/2012	41.83	18.73	0.03	448.61	0.00
10/31/2012	42.55	27.39	0.00	643.67	
9/30/2012	44.73	24.33	0.00	543.96	0.00
8/31/2012	44.90	26.39	0.00	587.64	
7/31/2012	44.00	18.03	0.00	409.82	
6/30/2012	42.43	23.30	0.00	549.10	
5/31/2012	40.19	38.19	0.03	951.04	0.00
4/30/2012	48.57	27.70	0.00	570.35	
3/31/2012	48.87	30.06	0.00	615.18	
2/29/2012	48.59	34.66	0.00	713.27	
1/31/2012	49.29	34.94	0.00	708.77	0.00
12/31/2011	56.23	47.42	0.03	843.95	
11/30/2011	43.07	33.53	0.00	778.64	
10/31/2011	35.52	17.90	0.00	504.09	
9/30/2011	51.13	32.27	0.03	631.68	
8/31/2011	42.74	17.32	0.00	405.28	
7/31/2011	41.42	17.52	0.00	422.90	0.00
6/30/2011	39.73	19.17	0.00	482.38	0.00
5/31/2011	35.94	18.61	0.03	518.85	2.00
4/30/2011	38.57	21.60	0.00	560.07	0.00
3/31/2011	43.48	15.42	0.03	355.34	
2/28/2011	3.54	0.00	0.00	0.00	0.00
1/31/2011	26.19	5.00	0.00	190.89	25.00
12/31/2010	33.16	4.55	0.00	137.16	
11/30/2010	33.90	7.73	0.00	228.12	
10/31/2010	48.10	25.84	0.03	537.89	
9/30/2010	55.23	21.73	0.00	393.48	
8/31/2010	58.03	19.55	0.00	336.85	
7/31/2010	72.10	36.97	0.00	512.75	
6/30/2010	34.53	8.00	0.00	231.66	
5/31/2010	95.77	29.87	0.03	312.23	
4/30/2010	205.57	69.00	0.03	335.82	
3/31/2010	0.00	0.00	0.00	#NA	

Production Date	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
2/28/2010	0.00	0.00	0.00	#NA	
1/31/2010	0.00	0.00	0.00	#NA	
12/31/2009	0.00	0.00	0.00	#NA	
11/30/2009	0.00	0.00	0.00	#NA	0.00
10/31/2009	0.00	0.00	0.00	#NA	0.00
9/30/2009	0.00	0.00	0.00	#NA	0.00
8/31/2009	0.00	0.00	0.00	#NA	0.00
7/31/2009	50.39	24.81	0.00	492.32	6.00
6/30/2009	78.27	44.83	0.03	573.25	5.00
5/31/2009	84.58	38.97	0.00	460.72	0.00
4/30/2009	93.63	43.90	0.00	468.85	6.00
3/31/2009	101.58	34.23	0.00	336.93	6.00
2/28/2009	108.89	4.57	0.11	42.96	0.00
1/31/2009	1.71	0.00	0.00	0.00	

PRE-JOB CONSIDERATIONS:

- **Plug calculations are based on Class G cement with 0% Bentonite. Adjust the cement slurry volumes if a different cement type will be used.**
- **A total of 2,000 gallons of TMAC will be used for the DFIT.**
- **2 fracturing stages and 1 acid wash stage required for coverage.**
- **A minimum of 11 tanks (cleaned lined 500 bbl) of fresh water will be required.**

Note:

- **Use biocide from Baker in frac tanks**
- **Use Nabors Clay Stabilizer**
- **NO Scale Inhibitor will be pumped given the very low to no scaling tendencies in the Green River**
- **Use only fresh water in order to assure crosslinked fluid performance**
- **Water needs to be at least 65-75°F at pump time**
- Procedure calls for 3 CBP's (8,000 psi) and 2 CIBP's (10,000 psi).
- 20/40 mesh Ottawa sand.
- Max Sand Concentration: Green River - Long Point and Douglas Creek 3 ppg

ON SITE CONSIDERATIONS:

- Maximum surface pressure **6200 psi**.
- **If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 and 3500 psi for 15 minutes each and to 6200 psi for 30 minutes (specific details on remediation should be documented in OpenWells).**
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Flush volumes are the sum of FR water used during displacement (include scale inhibitor as mentioned above).
- Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush.
- pH should be measured during the treatment in order to make sure acid has been flushed from the treating lines and will not affect the cross-linked gel.
- Multiple test samples will be pulled on the fly to check crosslinked gel.
- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.

PROCEDURE:

WELL PREPARATION

1. MIRU. Kill well as needed. ND WH, NU and test BOPE.
2. POOH w/tubing. Visually inspect for scale and consider replacing tubing if needed.

3. RIH with bit and casing scraper to +/-6350' (22' above top of existing perfs). POOH.
4. RIH with tubing and RBP. Set the RBP at +/-6333' (~ 39 ft. above top of existing perforations). POOH.
5. Pressure test casing to **6200 psi** for 15 minutes; if pressure test fails contact Denver engineer and see notes above. **Lock OPEN the Braden head valve.**
6. Run CBL with 1000 psi (make sure well is loaded with fresh water with scale inhibitor and biocide before running CBL). Contact Completions Engineer in Denver office.
7. RIH with tubing and unset RBP. POOH.
8. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

WASATCH PLUG BACK & GREEN RIVER COMPLETION

1. MIRU. Kill well as needed. ND WH, NU and test BOPE.
2. **PLUG #1- ISOLATE WASATCH & MESAVERDE PERFORATIONS (6372' – 9422'):** RIH W/ 4 ½" CIBP. SET @ ~ 6312' (~60' above top perfs). Pressure test casing to **6200** psi. Inform engineering if it doesn't test. Dump bail **7 SX/ 0.8 BBL/ 4.4 CUFT** of cement on top of plug. PUH above TOC (~6262', equivalent to 50' COVERAGE).
3. **PLUG #2 - PROTECT TOP OF WASATCH (4961'):** RIH W/ 4 ½" CIBP. SET @ ~4980' (~19' below top of formation). Pressure test casing to **6200** psi. Inform engineering if it doesn't test. Dump bail **7 SX/ 0.8 BBL/ 4.4 CUFT** of cement on top of plug. PUH above TOC (~4930', equivalent to 50' COVERAGE).
4. ND BOPs and NU frac valves. Test frac valves to 1000 psi for 15 minutes and to **6200** psi for 30 minutes. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
5. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
6. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
LONG POINT	4530	4532	3	6
7. RIH with three memory tools on slickline (**data acquisition frequency should be set at 1/sec**). Set gauges @ 4531'.
8. Perform a DFIT test on perforations **4530'-4532'** as follows:
 - a. Dump bail acid if need to breakdown the perforations
 - b. Pump **2000** gals @ **7 bpm** (make sure the pumping rate is **constant**).

- c. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - d. After pumping the above volume, shut well in and monitor **for a minimum of 96 hours (4 days)** as directed by Denver engineering.
 - i. Service company will be provide a data file in .txt and .pdf format. The report should include the following variables:
 - ii. Date
 - iii. Real Time
 - iv. Elapsed Time
 - v. Bottomhole Pressure
 - vi. Bottomhole Temperature
 - e. POOH w/ slickline and memory gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**
9. Perf the remaining sands in the stage with 3-3/8" gun, 23 gm, 0.36"hole:
- | Zone | From | To | spf | # of shots |
|------------|------|------|-----|------------|
| LONG POINT | 4711 | 4713 | 3 | 6 |
| LONG POINT | 4729 | 4731 | 3 | 6 |
| LONG POINT | 4802 | 4804 | 3 | 6 |
10. Spear head 250 gals of 15% HCl at 5 bpm pumping rate. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1 on attached listing. Flush to top perf at 4530' with FR water.
- NOTE:**
Will plan on running radioactive tracer with the proppant, detailed design to follow.
11. Set **8000** psi CBP at ~4500'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:
- | Zone | From | To | spf | # of shots |
|-------------|------|------|------|------------|
| CARB MARKER | | 4353 | 4356 | 4 12 |
| CARB MARKER | | 4468 | 4470 | 4 8 |
12. Spear head 250 gals of 15% HCl at 5 bpm pumping rate. Breakdown perfs and establish injection rate. Perform acid wash as outlined in Stage 2 on attached listing. Flush to bottom perf at 4470' with FR water.
13. Set **8000** psi CBP at ~4281'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:
- | Zone | From | To | spf | # of shots |
|---------------|------|------|-----|------------|
| DOUGLAS CREEK | 4227 | 4229 | 4 | 8 |
| DOUGLAS CREEK | 4243 | 4246 | 4 | 12 |
14. Spear head 250 gals of 15% HCl at 5 bpm pumping rate. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Flush to top perf at 4227' with FR water.

15. Set 8000 psi CBP at~4176'.
16. ND Frac Valves, NU and Test BOPs.
17. TIH with 3 7/8" bit, pump off sub, SN and tubing.
18. Drill plugs and clean out to 4930'. Shear off bit and land tubing at $\pm 4530'$ unless indicated otherwise by the well's behavior.
19. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
20. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

GREEN RIVER OIL WELL OPERATING PROCEDURE:

The Green River oil wells will be produced and treated in the following manner. Oil, water and gas will flow to surface treating facilities where it will be separated. The oil and water will then flow to storage tanks. Gas will flow in to the gathering system; which has a nominal operating pressure of ~120 psig. If gas line pressure increases above the 120 psig range the gas will flow to a compressor and be compressed to line pressure. If the compressor is down due to mechanical problems or line pressure is out of range for the compressor, gas will flow to a flare and be burned on site. If no compressor is installed then gas will be flared when pressure is greater than 120 psig.

Key Contact information

Completion Engineer

Paul Ryza: 936/499-6895, 720/929-6915

Patricia Cuba: 303/601-7259, 720/929-6348

Production Engineer

Jesse Markeveys: 215/380-0781, 435/781-7055

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435/828-6515, 435/781-7046

Completion Manager

Jeff Dufresne: 720/929-6281, 303/241-8428

Vernal Main Office

435/789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBLs 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBLs 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBLs MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form**

Name State 921-32L

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	LONG POINT	4530	4532	3	6		4526	to	4805
	LONG POINT	4711	4713	3	6				
	LONG POINT	4729	4731	3	6				
	LONG POINT	4802	4804	3	6				
	# of Perfs/stage				24		CBP DEPTH	4,500	
2	CARB MARKER	4353	4356	4	12		4353	to	4472
	CARB MARKER	4468	4470	4	8				
	# of Perfs/stage				20		CBP DEPTH	4,281	
3	DOUGLAS CREEK	4227	4229	4	8		4226	to	4251
	DOUGLAS CREEK	4243	4246	4	12				
	# of Perfs/stage				20		CBP DEPTH	4,176	
	Totals				64				53

Fracturing Schedules
Name: State 021-32L
Slickwater Frac

Copy to new book

Casing Size Recompleted? Pad? ACTS?	4.5 Y N N Y Y
Plug back required? CBL required?	

Swabbing Days Production Log	3 0
Enter Number of DFTs	1
GR only	Y
Low Scale	Y
Clay Scale	Y

Enter Number of swabbing days here for recompletes
Enter 1 if running a Production Log
Enter Number of DFTs
Enter Y if only Gamma Ray log was run
Enter Y if a LOW concentration of Scale Inhibitor will be pumped
Enter N if there will be NO Clay stabilizer

Stage	Zone	Perfs Top ft. Bot. ft	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	LONG POINT	4532	3	6 Varied	Load Casing			Slickwater	2,957	2,957	70	70	2.7%					0
	LONG POINT	4720	3	6 Varied	50 Slickwater Pad			Slickwater	7,393	10,350	176	256	6.6%					0
	LONG POINT	4804	3	6	50 Slickwater Pad	0	0	Slickwater	15,286	27,636	406	632	4.0%					0
	LONG POINT			50	Xlinked gel + 0.5 ppg 20/40 sand	0.5	0.5	Xlinked gel	26,250	53,886	625	1,038	23.5%	10.0%	13,125	13,125		0
	LONG POINT			50	Xlinked gel + 1 ppg 20/40 sand	1	1	Xlinked gel	32,813	86,699	781	1,819	29.4%	25.0%	45,938	45,938		0
	LONG POINT			50	Xlinked gel + 2 ppg 20/40 sand	2	2	Xlinked gel	32,813	119,512	781	2,600	29.4%	25.0%	45,938	91,876		0
	LONG POINT			50	Xlinked gel + 3 ppg 20/40 sand	3	3	Xlinked gel	10,938	130,450	260	2,860	9.8%	25.0%	32,813	131,260		0
	LONG POINT			50	Flush to Top Perf			Slickwater	2,957	133,407	70	2,726						0
2	CARB MARKER	# of Perfs/stage		24	54.5 << Above pump time (min)													
	CARB MARKER	4353	4	12 Varied	Load & Break			Slickwater	2,918	2,918	69	69	42.8%					0
	CARB MARKER	4470	4	8	20 Acid Wash			15% HCl Acid	3,900	6,818	93	162	57.2%					0
	CARB MARKER			10	Flush to Bottom Perf			Slickwater	2,918	9,736	69	232						0
3	DOUGLAS CREEK	4227	4	8 Varied	Load Casing			Slickwater	2,759	2,759	66	66						0
	DOUGLAS CREEK	4243	4	12 Varied	50 Slickwater Pad			Slickwater	6,898	9,657	164	242	13.3%					0
	DOUGLAS CREEK			50	Xlinked Spacer	0	0	Xlinked gel	4,139	14,297	99	340	8.0%					0
	DOUGLAS CREEK			50	Xlinked gel + 0.5 ppg 20/40 sand	0.5	0.5	Xlinked gel	10,200	24,497	243	583	19.7%	10.0%	5,100	5,100		0
	DOUGLAS CREEK			50	Xlinked gel + 1 ppg 20/40 sand	1	1	Xlinked gel	10,200	34,697	243	826	19.7%	20.0%	12,750	17,850		0
	DOUGLAS CREEK			50	Xlinked gel + 2 ppg 20/40 sand	2	2	Xlinked gel	4,250	38,947	101	1,231	19.7%	40.0%	12,750	30,600		0
	DOUGLAS CREEK			50	Xlinked gel + 3 ppg 20/40 sand	3	3	Xlinked gel	2,759	41,706	66	1,297	8.2%	25.0%	12,750	43,350		0
	DOUGLAS CREEK				Flush to Top Perf			Slickwater		54,456								0
Totals			64	25.9 << Above pump time (min)					Total Fluid	178,635 gals		4,254 bbls			Total Sand	182,250	Total Scale Inhib. =	0

Total Stages 3
Xlinked stages 2
Total Slickwater 31,561 gallons
Total Xlinked gel 142,225 gallons
Total Acid 4,000 gallons
Total 100-mesh sand 182,250 lbs

Service Company Supplied Chemicals - Job Totals

Friction Reducer	32	gals @	1.0	GPT
Clay Stabilizer	174	gals @	1.0	GPT
Scale Inhibitor	52	gals @	0.30	GPT
Biocide	0	gals @	0.00	GPT
pH Control	114	gals @	0.8	GPT
Gelling agent	640	gals @	4.5	GPT
Breaker 1	142	gals @	1.0	PPT
Breaker 2	4	gals @	2.0	PPT
Ion Complexant	20	gals @	4.0	GPT of acid
Corrosion Inhibitor for acid	5	gals @	1.0	GPT of acid
Service Company Supplied Chemicals				
Third Party Chemicals				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: STATE 921-32L
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2224 FSL 0625 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 32 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047344210000
PHONE NUMBER: 720 929-6514		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/25/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
OTHER: Rec within GR Formation		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests to isolate Long Point formation within the Green River with 14 sacks of cement and recomplete in the Douglas Creek formation within the Green River. Please see attached procedure. Thank you.		
Approved by the Utah Division of Oil, Gas and Mining Date: November 05, 2013 By: <u><i>Derek Duff</i></u>		
NAME (PLEASE PRINT) Cara Mahler		PHONE NUMBER 720 929-6029
SIGNATURE N/A		TITLE Regulatory Analyst I
DATE 10/25/2013		



Maverick Unit

STATE 921-32L RE-COMPLETIONS PROCEDURE DOUGLAS CREEK FRAC

DATE: 10/25/2013
AFE#: 2085538
API#: 4304734421
USER ID: MRX575

COMPLETIONS ENGINEER: Kevin Lammers, Denver, CO
(720) 929-6109 (Office)
(713) 829-7143 (Cell)

REMEMBER SAFETY FIRST!

Name: State 921-32L
Location: NW SW Sec 32 T9S R21E
LAT: 39.9905636 **LONG: -109.5825519** **COORDINATE: NAD83 (Surface Location)**
Uintah County, UT
Date: **5/28/13**

ELEVATIONS: 4992' GL 5007' KB *Frac Registry TVD: 9735*

TOTAL DEPTH: 9737'

PBTD: 9687'

SURFACE CASING:

9 5/8", 32.3 and 36# H-40 and J-55 STC @ 2705'

PRODUCTION CASING:

4 1/2", 11.6#, M-80 LTC @ 9732'

Marker Joint 4867-4879'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
2 7/8" 6.5# L-80 Ultra FJ tbg			2.347"	0.00575	0.2417
4 1/2" 11.6# M-80	7,780	5,350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	
2 7/8" by 4 1/2" Annulus				0.0075	

TOPS:

1752' Bird's Nest Top
 2232' Mahogany Top
 4002' Douglas Creek Top
 4334' Carb. Marker Top
 4504' Long Point Top
 4832' Uteland ButteTop
 4961' Wasatch Top
 8019' Mesaverde Top
 *Based on latest geological interpretation

T.O.C. @ 750'

**Based on latest interpretation of CBL

- Hydraulic isolation estimated at **1020** based upon from Cutter's CBL dated 5/10/13
- All perforation depths are from Cutterss CBL log dated 5/10/13

GENERAL:

- Please note that:
 - DFITs will be pumped in selective intervals. Detailed information regarding timing and intervals tested can be found in the post-job report.
 - In addition, all stages on this procedure may or may not be completed due to low frac gradients, timing, or other possible reasons. Total stages completed can be found in the post-job-report.

- CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.

Existing Perforations (from Open Wells):

<u>PERFORATIONS</u>									
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>spf</u>	<u>Shots</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>	<u>Producing</u>
GREEN RIVER	LONG POINT	4530	4532	6	12	09/19/2013	PRODUCTION		Yes
GREEN RIVER	LONG POINT	4710	4712	6	12	09/19/2013	PRODUCTION		Yes
GREEN RIVER	LONG POINT	4728	4730	6	12	09/19/2013	PRODUCTION		Yes
GREEN RIVER	LONG POINT	4800	4802	6	12	09/19/2013	PRODUCTION		Yes
Wasatch		6372	6376	4	16	04/18/2005		FLUID: Fresh Water	Yes
Wasatch		6654	6659	4	20	04/18/2005		FLUID: Fresh Water	Yes
Wasatch		7338	7341	4	12	04/18/2005		FLUID: Fresh Water	Yes
Wasatch		7683	7687	4	16	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		8163	8168	4	20	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		8227	8232	4	20	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		8378	8382	4	16	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		8494	8497	4	12	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		8895	8899	4	16	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		9050	9051	4	4	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		9239	9241	4	8	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		9339	9345	4	24	04/18/2005		FLUID: Fresh Water	Yes
MESA VERDE		9417	9422	4	20	04/18/2005		FLUID: Fresh Water	Yes

Relevant History:

- 4/19/05: Originally completed in Mesaverde formation (4 stages) with ~ 239,568 gallons of Gel, 683,985 lbs of 20/40 Ottawa Sand sand & Wasatch formation (2 stages) with ~ 86,310 gallons of Gel, 294,350 lbs of 20/40 Ottawa Sand sand.
- 10/11/06: Tagged at 9385', cleaned out to 9398', milling slow, possibly milling on bit sub.
- 11/16/06: Ran tubing as follows:
 269 joints 2 3/8" 4.7# N-80 tbg 15'-8542'
 Crossover Assembly 8542-8567'
 24 joints 2 7/8" Ultra FJ tbg 8567'-9343'
 ****Cap string is banded onto outside of 2 3/8" tbg and spliced into crossover assembly**
- 1/17/11: Last slickline report:
 Ran jdc set down @ 8541 came out nothing ran scratcher set down @ 8541 beat down nothing came out ran 1.9 broach set down @ 8541 came out tubing was clean ran jdc set down @ 8541 beat down came out nothing my jdc will not latch on the plunger there is lots of trash on top rig down.
- 5/9/13: Pulled tubing, tubing parted, left 24 joints 2-7/8" Ultra FJ tbg, crossover assembly, 68 joints 2-3/8" tbg, ~10' piece of parted 2-3/8" tbg and remaining cap string in hole. Estimated top of fish at 6697'. Ran gauge ring to 6350', set RBP @ 6300', pressure tested to 2000 psi, ran CBL with 2000 psi. Pulled RBP and laid down tubing.
- 9/18/13: Recompleted Long Point with 1918 bbls fresh water and 106,251# sand

H2S History:

Production Date	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
3/31/2013	34.10	20.68	0.00	606.41	
2/28/2013	39.54	22.61	0.04	572.72	
1/31/2013	37.81	24.58	0.00	650.17	0.00
12/31/2012	35.03	23.26	0.16	668.51	
11/30/2012	41.83	18.73	0.03	448.61	0.00
10/31/2012	42.55	27.39	0.00	643.67	
9/30/2012	44.73	24.33	0.00	543.96	0.00
8/31/2012	44.90	26.39	0.00	587.64	
7/31/2012	44.00	18.03	0.00	409.82	
6/30/2012	42.43	23.30	0.00	549.10	
5/31/2012	40.19	38.19	0.03	951.04	0.00
4/30/2012	48.57	27.70	0.00	570.35	
3/31/2012	48.87	30.06	0.00	615.18	
2/29/2012	48.59	34.66	0.00	713.27	
1/31/2012	49.29	34.94	0.00	708.77	0.00
12/31/2011	56.23	47.42	0.03	843.95	
11/30/2011	43.07	33.53	0.00	778.64	
10/31/2011	35.52	17.90	0.00	504.09	
9/30/2011	51.13	32.27	0.03	631.68	
8/31/2011	42.74	17.32	0.00	405.28	
7/31/2011	41.42	17.52	0.00	422.90	0.00
6/30/2011	39.73	19.17	0.00	482.38	0.00
5/31/2011	35.94	18.61	0.03	518.85	2.00
4/30/2011	38.57	21.60	0.00	560.07	0.00
3/31/2011	43.48	15.42	0.03	355.34	
2/28/2011	3.54	0.00	0.00	0.00	0.00
1/31/2011	26.19	5.00	0.00	190.89	25.00
12/31/2010	33.16	4.55	0.00	137.16	
11/30/2010	33.90	7.73	0.00	228.12	
10/31/2010	48.10	25.84	0.03	537.89	
9/30/2010	55.23	21.73	0.00	393.48	
8/31/2010	58.03	19.55	0.00	336.85	
7/31/2010	72.10	36.97	0.00	512.75	
6/30/2010	34.53	8.00	0.00	231.66	
5/31/2010	95.77	29.87	0.03	312.23	
4/30/2010	205.57	69.00	0.03	335.82	
3/31/2010	0.00	0.00	0.00	#NA	

Production Date	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Separator (ppm)
2/28/2010	0.00	0.00	0.00	#NA	
1/31/2010	0.00	0.00	0.00	#NA	
12/31/2009	0.00	0.00	0.00	#NA	
11/30/2009	0.00	0.00	0.00	#NA	0.00
10/31/2009	0.00	0.00	0.00	#NA	0.00
9/30/2009	0.00	0.00	0.00	#NA	0.00
8/31/2009	0.00	0.00	0.00	#NA	0.00
7/31/2009	50.39	24.81	0.00	492.32	6.00
6/30/2009	78.27	44.83	0.03	573.25	5.00
5/31/2009	84.58	38.97	0.00	460.72	0.00
4/30/2009	93.63	43.90	0.00	468.85	6.00
3/31/2009	101.58	34.23	0.00	336.93	6.00
2/28/2009	108.89	4.57	0.11	42.96	0.00
1/31/2009	1.71	0.00	0.00	0.00	

PRE-JOB CONSIDERATIONS:

- **Plug calculations are based on Class G cement with 0% Bentonite. Adjust the cement slurry volumes if a different cement type will be used.**
- A total of **2,000 gallons of TMAC** will be used for the DFIT.
- **1** fracturing stage required for coverage.
- **A minimum of 4 tanks (cleaned lined 500 bbl) of fresh water will be required.**

Note:

- **Use biocide from Nalco in frac tanks**
- **NO Scale Inhibitor will be pumped given the very low to no scaling tendencies in the Green River**
- **Use only fresh water with 4% KCl in order to assure crosslinked fluid performance**
- **Water needs to be at least 65-75°F at pump time**
- Procedure calls for **1 CBP's (8,000 psi)** and **1 CIBP's (10,000 psi)**.
- 20/40 mesh Ottawa sand.
- Max Sand Concentration: Green River - Long Point and Douglas Creek **3 ppg**

ON SITE CONSIDERATIONS:

- Maximum surface pressure **6200 psi**.
- **If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 and 3500 psi for 15 minutes each and to **6200 psi** for 30 minutes (specific details on remediation should be documented in OpenWells).**
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Flush volumes are the sum of FR water used during displacement (include scale inhibitor as mentioned above).
- Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush.

- pH should be measured during the treatment in order to make sure acid has been flushed from the treating lines and will not affect the cross-linked gel.
- Multiple test samples will be pulled on the fly to check crosslinked gel.
- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.

PROCEDURE:

GREEN RIVER COMPLETION

1. MIRU. Kill well as needed. ND WH, NU and test BOPE.
2. **PLUG #1- ISOLATE LONG POINT PERFORATIONS (4530' – 4802'):** RIH W/ 4 ½" CIBP. SET @ ~ 4500' (~30' above top perms). Dump bail **14 SX/ 1.6 BBL/ 8.8 CUFT** of cement on top of plug. PUH above TOC (~4400', equivalent to 100' COVERAGE). Pressure test casing to **6200** psi. Inform engineering if it doesn't test.
7. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
DOUGLAS CREEK	4227	4229	4	8
DOUGLAS CREEK	4242	4245	4	12
8. Spear head 250 gals of 15% HCl at 5 bpm pumping rate. Breakdown perms and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Flush to top perf at 4227' with FR water.
9. Set 8000 psi CBP at ~4176'.
10. ND Frac Valves, NU and Test BOPs.
11. TIH with 3 7/8" bit, pump off sub, SN and tubing.
12. Drill plugs and clean out to 4400'. Shear off bit and land tubing at **±4350'** unless indicated otherwise by the well's behavior.
13. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
14. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

GREEN RIVER OIL WELL OPERATING PROCEDURE:

The Green River oil wells will be produced and treated in the following manner. Oil, water and gas will flow to surface treating facilities where it will be separated. The oil and water will then flow to storage tanks. Gas will flow in to the gathering system; which has a nominal operating pressure of ~120 psig. If gas line pressure increases above the 120 psig range the gas will flow to a compressor and be compressed to line pressure. If the compressor is down due to mechanical problems or line pressure is out of range for the compressor, gas will flow to a flare and be burned on site. If no compressor is installed then gas will be flared when pressure is greater than 120 psig.

Key Contact information

Completion Engineer

Kevin Lammers: 720/929-6109, 713/829-7143

Production Engineer

Jesse Markeveys: 215/380-0781, 435/781-7055

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435/828-6515, 435/781-7046

Completion Manager

Jeff Dufresne: 720/929-6281, 303/241-8428

Vernal Main Office

435/789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

NOTES:

If using any chemicals for pickling tubing or H₂S Scavenging, have MSDS for all chemicals prior to starting work

Acid Pickling and H₂S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H₂S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H₂S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H₂S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H₂S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H₂S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H₂S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H₂S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H₂S.
4. FLUSH TUBING AND CASING PUSHING H₂S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H₂S NOW AS POOH W/ TUBING.

**** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form**

Name State 921-32L

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	DOUGLAS CREEK	4227	4229	4	8		4226	to	4251
	DOUGLAS CREEK	4242	4245	4	12				
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
					0		CBP DEPTH	4,176	
	Totals				20				Total

Total Stages	1	stages
Xlinked stages	1	stages
Total Slickwater	6,898	gallons
Total Xlinked gel	52,702	gallons
Total Flush	2,759	gallons
Dump bail acid + Tanks dead vol	0	gallons
Total Acid	250	gallons
Total 100-mesh sand	0	lbs
Total 20/40 sand	78,750	lbs

Weatherford Supplied Chemicals - Job Totals

Acid					
Corrosion Inhibitor	1	gals @	4.0	GPT	
Surfactant	0	gals @	1.0	GPT	
Iron Control Agent 1	1	gals @	5.0	GPT	
Iron Control Agent 2	1	gals @	5.0	GPT	
Slickwater					
Biocide	2.8	gals @	0.4	GPT	
Surfactant	7	gals @	1.0	GPT	
FR	7	gals @	1.0	GPT	
Gel					
Biocide	21.1	gals @	0.4	GPT	
Surfactant	53	gals @	1.0	GPT	
Slurried Gelling Agent	264	gals @	5.0	GPT	
Crosslinker	37	gals @	0.7	GPT	
Encapsulated Breaker	40	gals @	0.8	lb PT	
Flush					
FR	3	gals @	1.0	GPT	
Biocide	1.1	gals @	0.4	GPT	
Surfactant	3	gals @	1.0	GPT	
Breaker	47	lb @	17.0	lb PT	
Iron Control	22	gals @	8.0	GPT	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48758
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: STATE 921-32L
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2224 FSL 0625 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 32 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047344210000
PHONE NUMBER: 720 929-6514		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/20/2013	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; margin-top: 20px;"> <p>The STATE 921-32L was returned to production 12/20/2013 after a Green River Recomplete.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 03, 2014</p> </div> </div> </div>		
NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 12/30/2013	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)5. LEASE DESIGNATION AND SERIAL NUMBER:
ML48758

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____b. TYPE OF WORK:
NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☒ OTHER **RECOMPLETION**2. NAME OF OPERATOR:
KERR MCGEE OIL & GAS ONSHORE, L.P.3. ADDRESS OF OPERATOR:
P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217PHONE NUMBER:
(720) 929-6000

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: NWSW 2224 FSL 625 FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: _____

AT TOTAL DEPTH: _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
UTU88574X8. WELL NAME and NUMBER:
STATE 921-32L9. API NUMBER:
430473442110. FIELD AND POOL, OR WILDCAT
NATURAL BUTTES11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
NWSW 32 9S 21E S12. COUNTY
UINTAH13. STATE
UTAH14. DATE SPURRED:
1/19/200515. DATE T.D. REACHED:
4/4/200516. DATE COMPLETED:
12/20/2013ABANDONED ☐READY TO PRODUCE ☒17. ELEVATIONS (DF, RKB, RT, GL):
5007 RKB18. TOTAL DEPTH: MD 9,737
TVD _____19. PLUG BACK T.D.: MD 9,687
TVD _____

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD 4,500
PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL/CCL/GR-HRI-SD/DSN-MICRO LOG

23.

WAS WELL CORED?

NO ☒YES ☐

(Submit analysis)

WAS DST RUN?

NO ☒YES ☐

(Submit report)

DIRECTIONAL SURVEY?

NO ☒YES ☐

(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	54#		40		28			
12 1/4"	9 5/8" H-40	32.3#		2,850		430			
7 7/8"	4 1/2" I-80	11.6#		9,737		2,630			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	4,305							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Douglas Creek	4,227	4,245			4,227 4,245	0.36	20	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4227-4245	PUMP 1541 BBLs SLICK H2O & 790,060 LBS 20/40 MESH SAND
	1 STAGE

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

PROD

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/20/2013		TEST DATE: 12/26/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 51	GAS – MCF: 0	WATER – BBL: 16	PROD. METHOD: PUMPING
CHOKE SIZE: 0	TBG. PRESS. 32	CSG. PRESS. 35	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 51	GAS – MCF: 0	WATER – BBL: 16	INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				BIRD'S NEST	1,752
				MAHOGANY	2,232
				DOUGLAS CREEK	4,002
				CARB MARKER	4,334
				LONG POINT	4,504
				UTELAND BUTTE	4,832
				WASATCH	4,961
				MESAVERDE	8,019

35. ADDITIONAL REMARKS (Include plugging procedure)

A CIBP was set at 6312 feet and dump bail 7 sx cement; est. toc is at 6262 ft. Another CIBP was set at 4980 feet and 14 sx cement pumped on top with est. toc at 4880 ft. to permanently abandon the Wasatch and Mesaverde formations. The well was recompleted in the Green River as an oil well. The Long Point was tested and produced only large amounts of water so a CIBP was set at 4500 feet and dump bail 2 sx cement to isolate the Long Point. Attached is the recompletion history and perforation report for the Douglas Creek.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) KAY KELLY TITLE SR. STAFF REGULATORY SPECIALIST
 SIGNATURE Kay Kelly DATE 1-17-2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

US ROCKIES REGION									
Operation Summary Report									
Well: STATE 921-32L				Spud Date: 3/17/2005					
Project: UTAH-UINTAH			Site: STATE 921-32L				Rig Name No: MONUMENT 24/24, GWS 1/1, SWABBCO 10/10		
Event: RECOMPL/RESEREVEADD			Start Date: 5/9/2013		End Date: 12/20/2013				
Active Datum: RKB @5,006.99usft (above Mean Sea Level)				UWI: STATE 921-32L					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
5/9/2013	7:00 - 7:30	0.50		48		P		HSM, MOVING RIG & EQUIP.	
	7:30 - 11:30	4.00		30	A	P		RIG DWN OFF BON 1023-5D PAD, MIRU.	
	11:30 - 17:00	5.50		31	I	P		KILL TBG W/ 30 BBLS T-MAC, KILLED CSG W/ 20 BBLS T-MAC ND WH NU BOPS UNLAND TBG DICONNECTED CAP STRING F/ HANGER, L/D HANGER. RU CAP STRING SPOOLER, L/D 96 JTS 23/8 L-80 TBG ON FLOAT.SWI SDFN.	
5/10/2013	7:00 - 7:30	0.50		48		P		HSM, PULLING CAP STRING W/ BAD SCALE ON TBG, WATCHING TONGS & SLIPS	
	7:30 - 11:30	4.00		31	I	P		0 PSI ON WELL, PUMPED 15 BBLS DWN TBG TO REMOVE ANY CHEMICAL. POOH W/ 62 JTS IN DERICK FOUND HOLE & LOTS OF SCALE ON TBG OD L/D 41 CAP STRING PARTED LOST TBG WEIGHT TBG PARTED L/D 20' TBG OF JT # 201 LEFT 68 JTS & PEICE OF 23/8 X/O 24 JTS 27/8 FLUSH JTS & REM CAPM STRING, IF TBG FELL TO BTM FISH TOP SHOULD BE @ APROX 6697', RD CAP STRING SPOOLER,	
	11:30 - 18:00	6.50		34		P		RU CUTTERS RIH / 41/2 GAUGE RING TO 6350' POOH RIH W/ WEATHERFORD 41/2 WIRE LINE SET TBG RETRIVE RBP & SET @ 6300' HAD SOME TROUBLE GETTING DWN. POOH TEST CSG TO 2,000# HELD, RIH RUN CBL F/ RBP @ 6300' TO SURF UNDER 2,000# PSI. RD WIRE LINE SWI SDFWE	
5/13/2013	7:00 - 7:30	0.50		48		P		HSM WORKING W/ TOOL HAND.	
	7:30 - 10:30	3.00		31	I	P		0 PSI ON WELL, RIH W/ RET HEAD, 62 JTS F/ DERICK, PU 96 JTS OFF FLOAT, PU 41 JTS NEW TBG, TAG RBP @ 6302' UNSET SAME.	
	10:30 - 17:00	6.50		31	I	P		POOH W/ 199 JTS WET.L/D BTM JT & RBP & RET HEAD.RIH W/ 198 JTS. POOH L/D ALL TBG.SWI SDFN.	
5/29/2013	12:00 - 17:30	5.50	SUBSPR	30		P		ROAD RIG TO LOCATION. SPOT IN RIG. WAIT FOR CONCRETE ANCHOR TO BE DELIVERED. R/U AFTER ANCHOR DELIVERED. SICP= 150#. BLOW DOWN WELL. CONTROL CSNG W/ 20BBLS TMAC. NDWH. NUBOP. SWMFN.	
5/30/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY= JSA.	
	7:15 - 11:30	4.25	SUBSPR	34		P		SICP= 50#. BLOW DOWN WELL. MIRU WIRELINE. RIH W/ OWEN 10K CIBP. SET CIBP @6312'. POOH W/ TOOLS.	
P/U & RIH W/ DUMP BAILER.(2 WIRELINE RUNS). SPOT 7SX OF CLASS G CMT ON CIBP. +/- 50' OF CMT. ESTIMATED CMT TOP @6262'.									
CIBP#2. RIH W/ OWEN 10K CIBP. SET CIBP @4980'. POOH W/ TOOLS. RDMO WIRELINE.									

US ROCKIES REGION
Operation Summary Report

Well: STATE 921-32L

Spud Date: 3/17/2005

Project: UTAH-UINTAH

Site: STATE 921-32L

Rig Name No: MONUMENT 24/24, GWS 1/1,
SWABBCO 10/10

Event: RECOMPL/RESEREVEADD

Start Date: 5/9/2013

End Date: 12/20/2013

Active Datum: RKB @5,006.99usft (above Mean Sea
Level)

UWI: STATE 921-32L

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	11:30 - 17:30	6.00	SUBSPR	30		P		R/U TBNG EQUIP. P/U & RIH W/ 157JTS 2-3/8" J-55 TBNG + SN PLACED 1JT UP. T/U ON CIBP @ 4980'. P/U TBG 1' OFF OF CIBP. MIRU CMT CREW. PUMP 14SX CLASS G NEAT CMT ON TOP OF CIBP. +/- 100' OF CMT. ESTIMATED CMT TOP @4880'. JOB PUMPED AS FOLLOWS: LEAD W/ 10BBLS FRESH WATER. 14SX NEAT G CMT. 2.8 BBLS SLURRY. FLUSH W/ 14BBLS FRESH WATER. RDMO CEMENTERS. POOH WHILE L/D 157JTS TBNG. SWFVN.
5/31/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.
	7:15 - 9:30	2.25	SUBSPR	30		P		SICP= 0#. NDBOP. NUFV. RDMO SERVICE RIG.
	9:30 - 11:00	1.50	SUBSPR	52	A	P		MIRU CAMERON WELLHEAD. PRESSURE TEST CSNG & FRAC VALVE GOOD @ 1000# FOR 15MIN. LOST 41#. PRESSURE TEST CSNG & FRAC VALVE GOOD @6200# FOR 30MIN. LOST 61#. BLEED OFF WELL. RDMO TESTER.
	11:00 - 13:15	2.25	SUBSPR	34		P		MIRU WIRELINE. RIH W/ PERF GUN AND PERF WELL AS PER PROCEDURE. POOH W/ WIRELINE. P/U DFIT TOOL. RIH & SET DFIT TOOLS @4531'.
	13:15 - 13:50	0.58	SUBSPR	40		P		MIRU NABORS WELL SERVICE. PRESSURE TEST LINES GOOD @ 5000#. NOTICED LEAK ON WIRELINES LUBRICATOR.
	13:50 - 16:40	2.83	SUBSPR	34		Z		LEAK ON WIRELINE LUBRICATOR. LEAK COULD NOT BE FIXED SO PARTS HAD TO BE BROUGHT TO LOCATION FROM TOWN AND REPLACED. LINES P/T GOOD @ 5000#.
	16:40 - 17:30	0.83	SUBSPR	40		P		PUMP DFIT AS PER INSTRUCTION. PUMPED AS FOLLOWS: BREAK PERFS @ 2300# (4BPM). PUMP AVG RATE OF 5.8BPM @2530#. PUMP 2000GAL TMAC TOTAL. ISIP =1900#. 5MIN PSI @995#. SWI. LOCK & TAG VALVES. PERFORM DFIT FOR 96HRS.
8/16/2013	7:00 -							REMOVE PRODUCTION FACILITIES TO PREPARE LOCATION FOR GR RECOMPLETE.
8/17/2013	-							
9/13/2013	7:00 - 15:00	8.00	SUBSPR	37		P		RU CUTTERS RIH WITH 3 1/8" PERF GUN, TAGGED @ 4,792 NOT DEEP ENOUGH TO PERF ZONE, RD ELECTRIC LINE TRUCK RU CUTTERS BRAIDED LINE TRUCK, RIH WITH BAILER, TAGGED @ 4,800' WORKED BAILER DOWN TO 4,860' POOH WITH BAILER, HAD CEMENT IN BAILER, CLEANED BAILER. RIH WITH BAILER AGAIN TAGGED @ 4,862, CLEANED OUT TO 4,868, POOH DRAINED BAILER, CEMENT H2O. RU CUTTERS SWFW

1/8/2014

11:06:01AM

2

US ROCKIES REGION
Operation Summary Report

Well: STATE 921-32L

Spud Date: 3/17/2005

Project: UTAH-UINTAH

Site: STATE 921-32L

Rig Name No: MONUMENT 24/24, GWS 1/1,
SWABCO 10/10

Event: RECOMPL/RESERVEADD

Start Date: 5/9/2013

End Date: 12/20/2013

Active Datum: RKB @5,006.99usft (above Mean Sea
Level)

UWI: STATE 921-32L

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
9/16/2013	7:00 - 10:00	3.00	SUBSPR	37		P		RU CUTTERS, PERFD REMAINDER OF LONG POINT. DUMP BAILED 10 GAL ACID ACROSS BOTTOM PERFS 4800-02. POOH SWFN
9/18/2013	8:00 - 8:30	0.50	MIRU	48		P		HSM,
	9:00 - 12:35	3.58	FRAC	36	F	P		REFER TO STIMULATION PJR FOR FLUID, SAND AND CHEMICAL VOLUMES, ALL STAGES WERE PERFORATED ACCORDING TO PERF RECORD IN OPEN WELLS, ALL STAGES WERE STIMULATED TO VENDOR POST JOB REPORT. PRESSURE TEST TO 7534 PSI HELD 15 MINUTES LOST 161# FRAC STG #1] WHP=163#, BRK DN PERFS=1701#, @=5.0 BPM, INTIAL ISIP=1257#, FG=.70, FINAL ISIP=1786#, FG=.81, SET KILL PLUG@ 4500 TOTAL WATER=1918 BBLS FRESH WATER TOTAL SAND= 106,251#
9/19/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SAFETY = JSA.
	7:15 - 8:00	0.75	DRLOUT	30		P		ROAD RIG TO LOCATION.
	8:00 - 11:00	3.00	DRLOUT	30		P		0# ON WELL. KILL PLUG ABOVE PERFS AFTER FRAC. FLOWBACK TANK WAS SPOTTED IN ON TOP OF ONE OF THE DEAD MAN ANCHORS. HAD TO DRAIN FLOWBACK & MOVE TANK. MIRU. NDFV. INSTALL 4" -10K X 7"-5K SPOOL PIECE. X/O TO TBNG EQUIP FROM ROD EQUIP. R/U FLOOR.
	11:00 - 18:30	7.50	DRLOUT	31		P		TALLY + P/U & RIH W/ NEW 2-3/8" J-55 TBNG + PSN + PUMP OPEN BIT SUB + 3-7/8" ROCK BIT. T/U ON KILL CBP @ 4500'. R/U POWER SWMVEL. P/T BOP @ 3000#. FOUND LEAK ON BOP DOOR SEAL. REPLACE BOP DOOR SEAL. RE-TEST BOP GOOD @ 3000#. BREAK CIRC W/ TMAC. D/O CBP IN 11MIN W/ 200# DIFFERENTIAL PRESSURE. WELL FLOWING STRONG. CONT RIH W/ TBNG. C/O TO PBTD @ 4903'. CIRC WELL CLEAN. L/D 2JTS TBNG. LAND WELL ON HANGER AS FOLLOWS: KB =15.00' HANGER =.83' 155JTS NEW 2-3/8" J-55 TBNG = 4815.06' API SN =1.10' 1JT NEW 2-3/8" J-55 TBNG =31.88' 2-3/8" PUMP OPEN BIT SUB =2.20' 3-7/8" ROCK BIT = .64' EOT @4866.71' PSN @4830.89' NDBOP. NUWH. R/U FLOWBACK LINES. TURN WELL OVER TO FLOWBACK CREW @18:30HRS. SDFN.

1/8/2014

11:06:01AM

3

US ROCKIES REGION
Operation Summary Report

Well: STATE 921-32L

Spud Date: 3/17/2005

Project: UTAH-UINTAH

Site: STATE 921-32L

Rig Name No: MONUMENT 24/24, GWS 1/1,
SWABCO 10/10

Event: RECOMPL/RESERVEADD

Start Date: 5/9/2013

End Date: 12/20/2013

Active Datum: RKB @5,006.99usft (above Mean Sea
Level)

UWI: STATE 921-32L

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	18:30 - 18:30	0.00	DRLOUT	50				WELL TURNED TO SALES @ 0400 HR ON 9/19/2013. 0 MCFD, 0BWPD, FCP N/A, FTP N/A, 0 CK.
9/25/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SAFETY = JSA.
	7:15 - 9:30	2.25	DRLOUT	30		P		RDMO NBU 12GR. ROAD RIG TO LOCATION.
	9:30 - 19:00	9.50	DRLOUT	39		P		SICP= 650#. SITP= 0#. MIRU. OPEN CSNG TO PRODUCTION TANKS (FLOWING STRONG). MIRU HOT OILER. FLUSH TBNG W/ 60BBLs HOT TMAC-SOLVENT SOLUTION. R/U ROD EQUIP. P/U INSERT PUMP. PRIME / STROKE TEST PUMP GOOD. RIH W/ PUMP & ROD STRING AS FOLLOWS:
								1-1/4" X 26' SPRAY METAL POLISHED ROD (USED) 7/8" X 4' GRADE D SLK PONY (NEW) 7/8" X 8' GRADE D SLK PONY (NEW) 67) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG (USED). 850' 120) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG (USED). 3000' 4) 1-1/4" GRADE D WEIGHT BARS (NEW) 100' 7/8" X 2.50' GRADE D GUIDED STABILIZER BAR. RH RELEASE BACK-OFF TOOL =.8' 2 X 1-1/2" X 20' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #3725. ALT BALLS & SEATS.
								SPACE OUT PUMP. SEAT PUMP. TBNG FULL OF FLUID. STROKE / PRESSURE TEST PUMP GOOD @ 1000#. R/U PHL. R/D RIG. BRING WELL ON LINE.
11/19/2013	9:00 - 17:00	8.00	SUBSPR	48		P		ROAD RIG TO LOCATION. MIRU. R/D HYDRAULIC PUMP JACK. SICP= 650#. SITP= 650#. BLOW DOWN WELL FOR +/- 3HRS (SOLID WATER FLOW). UN-SEAT PUMP & L/D 2 RODS. MIRU HOT OILER. FLUSH TBG / RODS W/ 50 BBLs HOT TMAC. WELL CIRCULATED ENTIRE TIME. WELL STILL FLOWING STRONG UP TBNG & CSNG.
								W/O LOAD OF BRINE TO CNTRL WELL +/- 1.5HRS.
								PUMP 30BBLs BRINE DOWN TBNG. R/U REMAINDER OF ROD EQUIP. POOH WHILE L/D ALL 7/8" RODS + 70) 3/4" RODS. SWFN.
11/20/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.

US ROCKIES REGION
Operation Summary Report

Well: STATE 921-32L

Spud Date: 3/17/2005

Project: UTAH-UINTAH

Site: STATE 921-32L

Rig Name No: MONUMENT 24/24, GWS 1/1,
SWABBCO 10/10

Event: RECOMPL/RESEREVEADD

Start Date: 5/9/2013

End Date: 12/20/2013

Active Datum: RKB @5,006.99usft (above Mean Sea
Level)

UWI: STATE 921-32L

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 15:00	7.75	SUBSPR	30		P		<p>SICP= 300#. SITP= 450#. BLOW DOWN WELL. STRONG WATER FLOW. CNTRL TBG/ CSNG W/ 80 BBLs BRINE. FINISH POOH WHILE L/D ENTIRE ROD STRING. RODS STORED ON LOCATION AS FOLLOWS:</p> <p>1-1/4" X 26' SPRAY METAL POLISHED ROD 7/8" X 4' GRADE D SLK PONY 7/8" X 8' GRADE D SLK PONY 67) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG). 1675' 120) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG . 3000' 4) 1-1/4" GRADE D WEIGHT BARS 100' 7/8" X 2.50' GRADE D GUIDED STABILIZER BAR. RH RELEASE BACK-OFF TOOL . =.6' 2 X 1-1/2" X 20' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #3725. ALT BALLS & SEATS.</p> <p>NDWH. NUBOP. R/U TBNG EQUIP. POOH WHILE L/D ENTIRE TBNG STRING AS FOLLOWS:</p> <p>HANGER =.83' 155JTS NEW 2-3/8" J-55 TBNG = 4815.06' API SN =1.10' 1JT NEW 2-3/8" J-55 TBNG =31.88' 2-3/8" PUMP OPEN BIT SUB =2.20' 3-7/8" ROCK BIT = .64'</p> <p>NDBOP. NUFV. R/D RIG. PREP FOR RIG MOVE IN THE AM AFTER FRAC ON NBU 12-23B GR.</p>
12/10/2013	14:00 - 16:30	2.50	SUBSPR	34	H	P		<p>MIRU, CASED HOLE SOLUTIONS, PU GAUGE RING RIH TAG @ 390' WORK UP & DOWN COULD NOT GET PAST 417', POOH, TRASH BASKET FULL OF PARAFFIN, SWI, SDFN, HOT OIL IN AM.</p>
12/11/2013	10:00 - 17:00	7.00	SUBSPR	37	E	P		<p>MIRU HOT OIL TRUCK PUMP 130 BBLs TMAC DWN CSG, PU GAUGE RING RIH TO 4550' POOH, RDMO HOT OILER, PU CIBP RIH SET @ 4500' POOH, PU DUMP BAILER RIH DUMP BAIL 2 SX CMT POOH, PU PERF GUNS RIH PERF STG #2 AS DESIGNED POOH, SWI, RDMO WL, SDFN.</p>
12/13/2013	7:00 - 7:15	0.25	FRAC	48		P		HSM-JSA
	7:15 - 13:00	5.75	FRAC	46	E	Z		TEMP -16 F, GET FRAC EQUIP STARTED & READY TO PUMP.
	13:00 - 16:30	3.50	FRAC	36	G	P		<p>FRAC STG #2) WHP 225 PSI, BRK 1552 PSI @ 9 BPM. ISIP 1127 PSI, FG. 0.7 ISIP 1459 PSI, FG. 0.78, NPI 332 PSI, SWI, RDMO FRAC EQUIP, TURN OVER TO FBC.</p> <p>TOTAL CLN FLUID - 1541 BBLs TOTAL SAND - 79060 LBS</p>
12/19/2013	6:45 - 7:00	0.25	DRLOUT	48		P		HSM. MAKE SURE VALVES ARE NOT FROZE.

US ROCKIES REGION
Operation Summary Report

Well: STATE 921-32L

Spud Date: 3/17/2005

Project: UTAH-UINTAH

Site: STATE 921-32L

Rig Name No: MONUMENT 24/24, GWS 1/1,
SWABBCO 10/10

Event: RECOMPL/RESEREVEADD

Start Date: 5/9/2013

End Date: 12/20/2013

Active Datum: RKB @5,006.99usft (above Mean Sea
Level)

UWI: STATE 921-32L

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:00 - 12:00	5.00	DRLOUT	40	D	P		SICP = 300 PSI. BLEED WELL OFF T/ FBT. ND FRAC VALVES. NU BOP. WAIT FOR HOT OILER (2 HRS). PUMP 1 DRUM OF PAO103 W/ 65 BBLS T-MAC. (HEAT WATER T/ 220*). RDMO HOT OILER. BLEED WELL BACK T/ RIG TANK.
	12:00 - 17:30	5.50	DRLOUT	31	I	P		PU 37/8 BIT, PUMP OPEN BS, 1 JT 23/8 J55 TBG & API SN. RIH T/ 4460' W/ 145 JTS. POOH, LD 5 JTS TBG. PU 41/16 TBG HNGR. LAND TBG W/ KB =====> 15.00 41/16 TBG HNGR =====> .83 139 JTS 23/8 J55 =====> 4255.24 1.10 API SN =====> 1.10 1 JT 23/8 J55 =====> 31.50 PMP OP BS & 37/8 BIT =====> 1.63 EOT @ 4305.30
12/20/2013	6:45 - 7:00	0.25	PROD	48		P		SWMFN. HSM. SECURE LOOSE CLOTHS WHILE RUNNING ROD TONGS.
	7:00 - 16:30	9.50	PROD	39		P		SICP =250 PSI. BLOW WELL DOWN T/ FBT. WAIT 30 MIN WATER TRUCK (HEAVY FOG). RU ROD EQUIP. OPEN TBG 0 PSI. FLUSH TBG W/ 80 BBLS HOT T-MAC. WELL CIRC T/ FBT. AFTER FLUSH, DROP BALL. PU 2"x11/2x20' W/ 3 CUPS (PUMP # 2846). STROKE & PRIME PUMP W/ DIESEL. RIH. MAKE UP SAFETY SUB ON TOP OF ROD PUMP (RIGHT HAND BRK). RIH W/ 1-11/4"x26' POLISH ROD (SPRAY METAL) 1- 8"x7/8" PONY SUB 45 SLICK 7/8" RODS. 120 SLICK 3/4" RODS. 4-1" WIGHT BARS. 1-2' GUIDED PONY ROD. 2 X 1-1/2" X 20' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #2846. ALT BALLS & SEATS. SEAT PUMP & SPACE OUT ROD STRING. UNSEAT PUMP. PUMP BIT OPEN. PU POLISH ROD. RESEAT PUMP. STROKE TEST PUMP T/ 800 PSI. GOOD TEST. BLEED OFF PSI. RU HYD PUMP UNIT. TURN WELL OVER T/ PUMPER. RD RIG. RACK OUT RIG EQUIP. SDFHWE.

US ROCKIES REGION

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	STATE 921-32L	Wellbore No.	OH
Well Name	STATE 921-32L	Wellbore Name	STATE 921-32L
Report No.	2	Report Date	12/13/2013
Project	UTAH-JINTAH	Site	STATE 921-32L
Rig Name/No.		Event	RECOMPL/RESERVEADD
Start Date	5/9/2013	End Date	12/20/2013
Spud Date	3/17/2005	Active Datum	RKB @5,006.99usft (above Mean Sea Level)
UWI	STATE 921-32L		

1.3 General

Contractor	Job Method	Supervisor
Perforated Assembly	Conveyed Method	

1.4 Initial Conditions

Fluid Type	Fluid Density	Gross Interval	4,227.0 (usft)-4,245.0 (usft)	Start Date/Time	12/13/2013 12:00AM
Surface Press	Estimate Res Press	No. of Intervals	2	End Date/Time	12/13/2013 12:00AM
TVD Fluid Top	Fluid Head	Total Shots	20	Net Perforation Interval	5.00 (usft)
Hydrostatic Press	Press Difference	Avg Shot Density	4.00 (sho/ft)	Final Surface Pressure	
Balance Cond	NEUTRAL			Final Press Date	

1.5 Summary

2 Intervals

2.1 Perforated Interval

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (")	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12/13/201 3 12:00AM	GREEN RIVER/			4,227.0	4,229.0	4.00		0.410	EXP/	3.125	90.00		19.00	PRODUCTION	N

US ROCKIES REGION

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
12/13/2013 12:00AM	GREEN RIVER			4,242.0	4,245.0	4.00		0.410	EXP/	3.125	90.00		19.00	PRODUCTION	

3 Plots

3.1 Wellbore Schematic

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. BOX 173779
city DENVER
state CO zip 80217 Phone Number: (435) 781-9758

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732298	NBU 191		SWSW	15	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	2900						
Comments: THE WELL IS MOVING FROM THE NATURAL BUTTES UNIT TO THE MAVERICK UNIT. <div style="text-align: center; font-size: 1.2em;">Duplicate</div>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734421	STATE 921-32L		NWSW	32	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	2900	19333				12/26/2013	
Comments: THE WELL IS MOVING FROM THE NATURAL BUTTES UNIT TO THE MAVERICK UNIT. <div style="display: flex; justify-content: space-between;"> GRRV 1-31-2014 </div>							


Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED
JAN 27 2014


 Name (Please Print) _____
 Signature _____
 Title REGULATORY ANALYST Date 1/27/14

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. BOX 173779
city DENVER
state CO zip 80217 Phone Number: (435) 781-9758

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732298	NBU 191		SWSW	15	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	2900	19345				8/26/2013	
Comments: THE WELL IS MOVING FROM THE NATURAL BUTTES UNIT TO THE MAVERICK UNIT. <div style="text-align: right;">2/20/2014</div>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304734421	STATE 921-32L		NWSW	32	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
D	2900					12/26/2013	
Comments: THE WELL IS MOVING FROM THE NATURAL BUTTES UNIT TO THE MAVERICK UNIT. <div style="text-align: center;">Duplicate</div>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED
JAN 27 2014

DOREEN GREEN
Name (Please Print)
[Signature]
Signature
REGULATORY ANALYST
Title
1/27/14
Date